

2024-2025 CURRICULUM BULLETIN

Mc⁺ALLEN ISD



FOLLOW US 



2024

JULY						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
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AUGUST						
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SEPTEMBER						
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OCTOBER						
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NOVEMBER						
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DECEMBER						
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2024 - 2025

McAllen ISD Board Approved ACADEMIC CALENDAR (Approved 2/12/24)

REPORTING PERIODS

FIRST DAY OF SCHOOL - August 19, 2024

FALL SEMESTER

1st SW	August 19, 2024	TO	September 27, 2024	29	DAYS
2nd SW	September 30, 2024	TO	November 1, 2024	24	DAYS
3rd SW	November 4, 2024	TO	December 20, 2024	30	DAYS
TOTAL				83	DAYS

SPRING SEMESTER

4th SW	January 8, 2025	TO	February 21, 2025	32	DAYS
5th SW	February 24, 2025	TO	April 17, 2025	34	DAYS
6th SW	April 22, 2025	TO	June 4, 2025	31	DAYS
TOTAL				97	DAYS

83 DAYS (FALL) + 97 DAYS (SPRING) = 180 INSTRUCTIONAL DAYS

LAST DAY OF SCHOOL - JUNE 4, 2025

REPORT CARDS (WEEK OF)

1) September 23, 2024	4) February 17, 2025
2) October 28, 2024	5) April 14, 2025
3) December 16, 2024	6) June 2, 2025

PROFESSIONAL LEARNING DAYS

1) August 12, 2024 - August 14, 2024	3 Days
2) January 7, 2025	1 Day

TEACHER WORKDAYS

1) August 15, 2024 - August 16, 2024	2 Days
2) January 6, 2025	1 Day

TEACHER PLANNING DAYS (campus-based)

1) August 30, 2024	1/2 Day
2) October 11, 2024	1/2 Day
3) November 22, 2024	1/2 Day
4) February 7, 2025	1/2 Day
5) March 14, 2025	1/2 Day

WEATHER MAKE-UP DAYS

1) October 14, 2024	1 Day
2) February 10, 2025	1 Day

STUDENT EARLY RELEASE DAYS

1) August 30, 2024	5) February 7, 2025
2) October 11, 2024	6) March 14, 2025
3) November 22, 2024	7) June 4, 2025
4) December 20, 2024	

MCALLEN ISD GRADUATION DATES

TBD

LEGEND

PROFESSIONAL LEARNING DAY	
WORKDAY	
HOLIDAY	
STATE ASSESSMENT DAY	
WEATHER DAY	
STUDENT EARLY RELEASE DAY	
BEGIN SIX WEEKS	[
END SIX WEEKS	]
BEGIN SEMESTER	[[
END SEMESTER	]]
Student Early Release/Teacher Planning (campus-based)	
Report Card Week	

2025

JANUARY						
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FEBRUARY						
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MARCH						
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30	31					

APRIL						
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MAY						
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JUNE						
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Board of Trustees 2024-2025



Back Row (L-R): Trustee Lucia Regalado, Vice-President; Trustee Aaron D. Rivera, Member; Dr. Rene Gutierrez, Superintendent of Schools; Trustee Debbie Crane Aliseda, Member; Trustee Erica de la Garza-Lopez, Secretary

Front Row (L-R): Trustee Elizabeth Kittleman, Member; Trustee Sofia M. Peña, President; Trustee Sam Saldivar, Jr., Member

Mission and Vision

McALLEN ISD



Vision

The McAllen Independent School District is an inclusive community where all students are empowered to reach their full potential.



Mission

The McAllen Independent School District educates all students to be creative and digital thinkers who impact a global society.

WE ARE **ALL** IN!

McALLEN ISD



Goals

1. Student Achievement/Student Focus
2. People Development
3. Facility Priorities
4. Financial Priorities

WE ARE **ALL** IN!

McALLEN ISD

Strategies

Strategy 1: Communication



We will effectively and continuously communicate and market the district's mission, strengths, successes and diverse opportunities for every learner.

Strategy 2: Experienced Staff



We will attract, recruit, develop and retain high quality staff

Strategy 3: Culture



We will foster a secure, supportive, rigorous and engaging learning environment.

Strategy 4: Learning Experiences



We will utilize national and global standards to customize learning for every learner.

Strategy 5: Partnerships



We will develop and strengthen bonds with the business, education, and civic community to provide engaging learning opportunities.

Strategy 6: Preparedness



We will foster principled students who learn, adapt, and innovate in response to their ever-changing environment.

Strategy 7: Fiscal Responsibility



We will conduct a budget development, implementation, and monitoring process that reflects sound business and fiscal practices that support district goals.

WE ARE **ALL** IN!



Dear Parents and Students:

We Offer Choice!

In keeping with our district's vision of promoting and encouraging educational excellence, McAllen High School, Memorial High School, Nikki Rowe High School, Lamar Academy/International Baccalaureate and Achieve Early College High School continue to provide our students with an extensive curriculum focusing on a diverse program of study and course offerings.

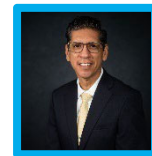
As the 2024-2025 pre-registration process begins, we ask that parents and students take time to make informed decisions regarding course selections, college admissions and career preparation. Counselors will assist students in selecting courses, which are best suited to their interests and abilities. However, effective educational planning is the collaborative responsibility of parents, students and school staff.

We ask that your family take the time to share in making these decisions. Continued communication between you, your child and school personnel will contribute to positive results and accurate placement. We encourage you to study this bulletin, and with the assistance of school staff, select courses that will ensure the successful completion of career and academic goals.

Sincerely,
Stephanie Friedlein, Principal McAllen High School
(956) 632-3100



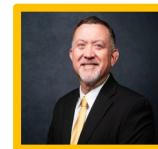
Pedro Alvarez Jr., Principal Memorial High School
(956) 632-5201



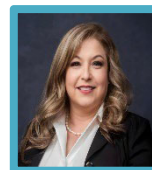
Alfredo Gutierrez, Principal Nikki Rowe High School
(956) 632-5100



Miguel Carmona, Principal Achieve Early College High School
(956) 971-4200



Nora Sanchez, Principal Lamar Academy
(956) 632-3222



Elizabeth Gonzalez, Director UTRGV McAllen ISD Collegiate Academy
(956) 632-3222



This catalog is a guide based on information as of January 2024. There could be changes that affect course offerings; the status of advanced courses, graduation requirements, and students' class schedules after this catalog is issued. If changes are required, those changes will be made and approved by one of the following: Texas Legislature, Texas Education Agency, or the McAllen School Board of Trustees. This document may be updated to meet changing state requirements as needed. Updated dates will be noted on document.

PLANNING YOUR HIGH SCHOOL PROGRAM

Planning a four-year high school program is a serious undertaking. The selection of your graduation plan is dependent on your interests and plans for future careers. Some questions to consider when making your plans are the following:

- Will you continue your education at a university, college or in a trade or technical school?
- Do you want to learn academic or career skills in order to enter the full-time work force immediately after high school?
- Are you interested in mathematics, science, technology or other specialized fields of study?
- Are you thinking of entering a profession that requires many years of specialized education, such as teaching, medicine or law?

The answers to these questions are extremely important when making decisions about your course selections for all four years in high school. Take some time to answer the questions before you begin. Your interests and desire to work hard should also guide these answers. It is also common for young people to change their minds about which course of study or career to choose. (1) Some of you may already have an idea of what your course of study or career choice will be; others of you are still considering your options (2) As you consider your options, immediate decisions regarding your graduation plans will affect your future career choices. For that reason, we recommend that you plan a diverse and challenging academic program. By taking the most diverse and most challenging academic program available to you, your options will remain open in the event your career plans should change.

McAllen ISD offers you many ways to prepare for your future—to make certain that you have options. The district's high schools provide a wide range of programs that prepare students for post-high school experiences, college, business school, technical school, military service, fine arts participation, full-time employment, and other areas.

KNOW ABOUT HIGH SCHOOL PROGRAMS

The programs offered allow a student to choose the high school program best suited for him/her, whether that program is the university or college preparatory, Advanced Placement (AP), International Baccalaureate (IB), Achieve Early College High School (AECHS), Dual Enrollment (DE) or a career preparatory program. Outlined on the following pages are the graduation requirements for each of the state's graduation programs. Your counselor and teachers will be helpful in advising you more specifically about the high school programs of studies offered.

Information Parents Should Know

It is the policy of McAllen ISD not to discriminate based on race, color, religion, gender, national origin, age, disability, or any other basis prohibited by law in its educational or career and technical program activities or employment as required by Title IX, Section 504 and Title VI. The district will take steps to ensure that lack of English language skills will not be a barrier to admission or participation in any educational or career and technical program.

1. Board Policy FB (Local) The District designates the following person to coordinate its efforts to comply with Title IX of the Education Amendments of 1972, as amended:
Name: John Cavazos, Position: Director for Student Support Services, Address: 2000 North 23rd Street, McAllen, TX 78501, Telephone: (956) 618-6031
2. Board Policy FB (Local) Reports of discrimination based on disability may be directed to the ADA/Section 504 coordinator. The District designates the following person to coordinate its efforts to comply with Title II of the Americans with Disabilities Act of 1990, as amended, which incorporates and expands upon the requirements of Section 504 of the Rehabilitation Act of 1973, as amended: Name: Salvador Flores, Position: Director of 504, Response to Interventions, and Dyslexia, Address: 2112 North Main Street, McAllen, TX 78501, Telephone: (956) OfficeNumber661-6882
3. Board Policy FNG, (Legal/Local) (Exhibit A-F) Student Rights and Responsibilities. Student and Parent Complaints/Grievances Procedures: Name: Todd Miller, Position: Asst. Superintendent for Human Resources, Address: 2000 N. 23rd St. McAllen, TX 78501 or at www.McAllenisd.org, Telephone: (956) 618- 6005.



McAllen High School

2021 La Vista Avenue
McAllen, Texas 78501
Phone – 956-632-3100

Stephanie Friedlein, Principal • stephanie.friedlein@mcallenisd.net
Gabriella Lopez, Principal's Secretary • gabriella.lopez@McAllenISD.net
 Website: <https://mchi.McAllenISD.org/>

Dean of Instruction	Holly De Leon	Holly.Deleon@mcallenisd.net	632-3105
Assistant Principal/Master Scheduler	Jody Pena	Jody.Pena@McAllenISD.net	632-3682
Assistant Principal	Linda Babauta	Linda.Babauta@McAllenISD.net	632-3191
Assistant Principal	Dr. Jessica Gonzalez	Jessica.Gonzalez1@McAllenISD.net	632-3683
Assistant Principal	Herman Perez	Herman.Perez@McAllenISD.net	632-3684
School Improvement Facilitator	Jennifer Quintanilla Lopez	Jennifer.Lopez2@McAllenISD.net	632-3176
Lead Counselor	Briana Rojas	Briana.Arzate2@McAllenISD.net	632-3123
Counselor	Michelle Alanis	Michelle.Alanis@McAllenISD.net	632-3118
Counselor	Sandra Sierra	Sandra.Sierra@McAllenISD.net	632-3160
Counselor	Clarissa Luna	Clarissa.Luna@McAllenISD.net	632-3120
Counselor	Adriana Flores	Adriana.Hernandez@McAllenISD.net	632-3119
Counselor Special Education	Mayra Lozano	Mayra.Lozano@mcallenisd.net	632-3103
Counselor Career & Technical Education	Teri Liguez- Garza	Maria.Liguez-Garza@McAllenISD.net	
Counselor College Admissions Specialist	Nelda Gutierrez	Nelda.Gutierrez@McAllenISD.net	632-3643



McAllen High School

2021 La Vista Avenue

McAllen, Texas 78501

Phone – 956-632-3100

Stephanie Friedlein, Principal • stephanie.friedlein@mcallenisd.net

Gabriella Lopez, Principal's Secretary • gabriella.lopez@McAllenISD.net

Website: <https://mchi.McAllenISD.org/>

Graduation Specialist	Yvette Johnson	Yvette.Johnson@McAllenISD.net	632-3686
Registrar	Marivel Decanini	Marivel.Decanini@McAllenISD.net	632-3199
AP Coordinator	Brenda Ramirez	Brenda.Ramirez@McAllenISD.net	632-3100
Athletic Coordinator	Patrick Shelby	Patrick.Shelby@McAllenISD.net	632-3150
Assistant Athletic Coordinator	Ruth Garcia	Ruth.Garcia@McAllenISD.net	632-3150
Librarians	Cynthia Tijerina	Cynthia.Tijerina@McAllenISD.net	632-3136
Textbooks	Herman Perez, Asst. Principal Mercedes Rivas, Secretary	Herman.Perez@McAllenISD.net Mercedes.Rivas@McAllenISD.net	632-3191 971-1190
Testing Coordinator	Daniel Trevino Brenda Ramirez	Daniel.Trevino@McAllenISD.net Brenda.Ramirez@McAllenISD.net	632-3251 657-4133
GEAR UP Counselor	Amanda Salinas	Amanda.Salinas@McAllenISD.net	657-3178
Social Worker	Edna Martinez Hernandez	Edna.Hernandez1@McAllenISD.net	926-4833
Family Treatment Program	Matthew Balli	Matthew.Balli@McAllenISD.net	632-3156
Parental Engagement Specialist	Elizabeth Quintanilla	Elizabeth.Quintanilla@McAllenISD.net	632-3649



McAllen Memorial High School

101 East Hackberry Street

McAllen, TX 78501

Phone - 956-632-5201

Mr. Pedro Alvarez, Jr., Principal • pedro.alvarezjr@McAllenISD.net

Ana Garcia, Principal's Secretary • ana.garcia@McAllenISD.net

Website: <https://memorial.McAllenISD.org/>

Dean of Instruction	Cassandra Rodriguez	Cassandra.Rodriguez@McAllenISD.net	632-5216
Assistant Principal/Scheduler	Ramiro Castillo, Jr.	Ramiro.Castillo@McAllenISD.net	632-5230
Assistant Principal	Leslee Ramirez	Leslee.Schlieper@McAllenISD.net	632-5207
Assistant Principal	Brian Canales	Brian.Canales@McAllenISD.net	632-5241
Assistant Principal	Joanna Gonzalez	Joanna.Gonzalez2@McAllenISD.net	632-5218
School Improvement Facilitator	Michele Galvan	Michele.Galvan@McAllenISD.net	926-4848
Lead Counselor	Jeanne Dopp	Jeanne.Dopp@McAllenISD.net	632-5205
Counselor	Ashley Ramos	Ashley.Ramos@McAllenISD.net	632-5225
Counselor	Melissa Rodriguez	Melissa.Rodriguez3@McAllenISD.net	632-5224
Counselor	Elizabeth Torres	Elizabeth.Torres@McAllenISD.net	632-5221
Counselor	Angela Sesin	Angela.Sesin@McAllenISD.net	632-5223
Counselor Special Education	Melissa Sanchez	Melissa.Sanchez@McAllenISD.net	632-5236
Counselor Career & Technical Education	Fernando Landeros	Fernando.Landeros@McAllenISD.net	632-5263
Counselor College Admissions Specialist	Maria Carrillo	Maria.Carrillo2@McAllenISD.net	632-5219



McAllen Memorial High School

101 East Hackberry Street

McAllen, TX 78501

Phone - 956-632-5201

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Ana Garcia, Principal's Secretary • ana.garcia@McAllenISD.net

Website: <https://memorial.McAllenISD.org/>

Counselor College & College Readiness Specialist	Vacancy	@McAllenISD.net	632-5219
Graduation Specialist	Iliana Pena	IlianaMartha.Pena@McAllenISD.net	632-5224
Registrar	Amanda Garcia	Amanda.Garcia@McAllenISD.net	632-5208
AP Coordinator	Angelica Mitchum	Angelica.Mitchum@McAllenISD.net	632-5201
Athletic Coordinator	Moses Patterson	Walter.Patterson@McAllenISD.net	632-5283
Assistant Athletic Coordinator	Raul Castillo	Raul.Castillo@McAllenISD.net	632-5286
Librarians	Gisela Hernandez	Gisela.Hernandez@McAllenISD.net	632-5252
Textbooks	Leslee Ramirez, Asst. Principal Jessica Alaniz, Secretary	Leslee.Schlieper@mcallenisd.net Jessica.Alaniz@McAllenISD.net	632-5207
Testing Coordinator	Laura Maldonado Magdalena Garcia	Laura.Maldonado@McAllenISD.net Magdalena.Garcia@McAllenISD.net	632-5250
Social Worker	Perla Cardenas	Perla.Cardenas@McAllenISD.net	657-5238
Family Treatment Program	Rosemaly Silva	Rosemaly.Silva@McAllenISD.net	661-4192
Parental Engagement Specialist	Laura Davila	Laura.Davila@McAllenISD.net	657-5247



James "Nikki" Rowe High School

2101 North Ware Road McAllen, TX 78501

Phone - 956-632-5100

Mr. Alfredo Gutierrez, Principal • alfredo.gutierrez@McAllenISD.net

Christina Aleman, Principal's Secretary • christina.aleman@McAllenISD.net

Website: <https://rowe.McAllenISD.org/>

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Assistant Principal/Scheduler	Aissa De La Garza	Aissa.DeLaGarza@McAllenISD.net	632-5107
Assistant Principal	Sandra Pitchford	Sandy.Pitchford@McAllenISD.net	632-5162
Assistant Principal	Sergio Tamez	Sergio.Tamez@McAllenISD.net	632-5160
School Improvement Facilitator	Marie Smith	Marie.Smith@McAllenISD.net	632-5109
Lead Counselor	Melissa Lauer	Melissa.Lauer@McAllenISD.net	657-5120
Counselor	Alberto Vasquez	Albert.Vasquez@McAllenISD.net	657-5123
Counselor	Michael Fleischmann	Michael.Fleischmann@McAllenISD.net	657-5125
Counselor	Laura Rodriguez	Laura.Rodriguez1@McAllenISD.net	657-5124
Counselor	Eduardo Lopez	Eduardo.LopezJr@McAllenISD.net	657-5122
Counselor Special Education	Leopoldo Ramirez	Leopoldo.Ramirez@McAllenISD.net	632-3268
Counselor Career & Technical Education	Marinna Sprawls	Marinna.Sprawls@McAllenISD.net	657-5129
Counselor College Admissions Specialist	Maryiel Garcia	Maryiel.Garcia@McAllenISD.net	657-5128
Counselor College & College Readiness Specialist	Eva Cardenas	Eva.Cardenas@McAllenISD.net	657-5128
Graduation Specialist	Cecilia Salinas	Cecilia.Salinas@McAllenISD.net	657-5127



James "Nikki" Rowe High School

2101 North Ware Road

McAllen, TX 78501

Phone - 956-632-5100

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Christina Aleman, Principal's Secretary • christina.aleman@McAllenISD.net

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Registrar	Socorro Garcia	Patricia.Garcia@McAllenISD.net	971-1126
AP Coordinator	Kymberly Morquecho	Kymberly.Morquecho@McAllenISD.net	632-5100
Athletic Coordinator	Bobby Flores	Robert.Flores@McAllenISD.net	632-5147
Assistant Athletic Coordinator	Magda Canales	Magda.Canales@McAllenISD.net	632-3267
Librarians	Larisa Cantu	Larisa.Cantu@McAllenISD.net	632-5134
Textbooks	Sergio Tamez, Asst. Principal, Virginia Garcia, Secretary	Sergio.Tamez@McAllenISD.net Virginia.Garcia2@McAllenISD.net	632-5158 632-5110
Testing Coordinator	Dahlya Watson	Dahlya.Watson@McAllenISD.net	657-5170
	Maribel Sanchez	Maribel.Sanchez2@McAllenISD.net	657-5128
GEAR UP Counselor	Irma Denise Garcia	Irma.Garcia2@McAllenISD.net	657-5126
Social Worker	Ileana Lucero	Ileana.Lucero@McAllenISD.net	926-4831
Family Treatment Program	Alma Marez	Alma.Marez@McAllenISD.net	
Parental Engagement Specialist	Judy Zuniga	Judy.Zuniga@McAllenISD.net	657-5172

**Lamar Academy**1009 North 10th Street

McAllen, TX 78501

Phone - 956-632-3222

Ms. Nora Sanchez, Principal • Nora.Sanchez@McAllenISD.netFrancelia Martinez, Secretary • Francelia.Martinez@McAllenISD.netWebsite: <http://lamar.McAllenISD.org>

Principal/Scheduler	Nora Sanchez	Nora.Sanchez@McAllenISD.net	632-3222 Ext. 3221
Assistant Principal/IB Coordinator	Rachelle Downey	Rachelle.Downey@McAllenISD.net	632-2825
Lamar Counselor	Robert Garcia	Robert.Garcia@McAllenISD.net	632-3249 Ext. 3305
IB Counselor	Rebecca Lerma	Rebecca.Lerma@McAllenISD.net	632-3222 Ext. 3306
Graduation Specialist	Diana Alaniz	Diana.Alaniz@McAllenISD.net	632-3222 Ext. 3308
Registrar & Counselor's Secretary	Casandra Gonzalez	Casandra.Gonzalez@McAllenISD.net	632-3222 Ext. 3320
AP Coordinator & Testing Coordinator	Joanna Martinez	Joanna.Martinez@McAllenISD.net	657-3312
Librarian / Textbooks	Ariana Guel	Ariana.Guel@McAllenISD.net	632-3222 Ext. 3309
College Admissions Scholarship Specialist / TSI Campus Coordinator	Aimee Nuñez	Aimee.Nunez@McAllenISD.net	632-3222



Achieve Early College High School

South Texas College Pecan Campus

1601 N. 27th Street McAllen, TX 78501

Phone - 956-971-4200

Miguel Carmona, Principal • Miguel.carmona2@McAllenISD.net

Leticia Castillo, Secretary • leticia.castillo@McAllenISD.net

Website: <https://aechs.McAllenISD.org/>

Master Scheduler	Miguel Carmona	Miguel.Carmona2@mcallenisd.net	971-4200
Assistant Principal	Sandra Saenz	Sandra.Saenz2@McAllenISD.net	971-4210
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College Admissions Scholarship Specialist	Sonya Carrera	Sonya.Carrera@McAllenISD.net	971-4208
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AP Coordinator	Vanessa Casas	Vanessa.Casas@McAllenISD.net	971-4200
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House Bill 5 Graduation Program

STUDENTS ENTERING HIGH SCHOOL 2014 – 2015 AND THEREAFTER

Foundation High School Program – 26 credit hours required for all endorsements.

- **5 Endorsements**
- **Distinguished Level of Achievement**
- **Performance Acknowledgements**

HB 5 ACADEMIC RECOGNITIONS

Students have the opportunity to earn additional recognitions in the following areas:

DISTINGUISHED LEVEL OF ACHIEVEMENT (DLA)

A student may earn a distinguished level of achievement by successfully completing all curriculum requirements for the Foundation High School Program, plus each of the following:

- A fourth credit in mathematics, which must include Algebra II
- A fourth credit in science
- The requirements of at least one endorsement

The Distinguished Level of Achievement must be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law. The University of Texas Austin has more stringent admissions requirements.

PERFORMANCE ACKNOWLEDGEMENTS

A student may earn a performance acknowledgement in one or more of the following categories:

- AP test score of 3 or above
- IB test score of 4 or above
- Outstanding performance on the PSAT, the SAT or the ACT
- Completion of at least 12 hours' academic college coursework with final grades of A or B (3.0 or above)
- Earning an Associate degree while in high school
- Bilingualism and Bi-literacy and
- Earning a state, nationally or internationally recognized business or industry certification or license

Distinguished Level of Achievement:

The **Distinguished Level of Achievement** opens a world of educational and employment opportunities for you beyond high school. Earning the Distinguished Level of Achievement requires more math and science than the Foundation High School Program.

The Distinguished Level of Achievement (DLA) will:

- Allow a student to compete for Top 10% automatic admissions eligibility at any Texas public university, except University of Texas which has more stringent admission requirements;
- Position students among those first in line for a TEXAS Grant* to help pay for university tuition and fees; ****Must be financially qualified***
- Ensure the student is a more competitive applicant at the most selective colleges and universities.

The Distinguished Level of Achievement requires:

- A total of four credits in math, including Algebra II;
- A total of four credits in science; and
- Successful completion of an endorsement in the student's area of interest.

5 Ways to Earn Performance Acknowledgements:

A student may earn the acknowledgement for outstanding performance by successfully completing the following:

I. Dual Credit

A student may earn a performance acknowledgment on the student's diploma and transcript for outstanding performance in a dual credit course by successfully completing:

- A. 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0 or
- B. An associate degree while in high school

II. Bilingualism and Bi-literacy

A student may earn a performance acknowledgment on the student's transcript for outstanding performance in Bilingualism and Bi-literacy as follows:

A student may earn a performance acknowledgment by demonstrating proficiency in accordance with local school district grading policy in two or more languages by:

- i. Completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; and
- ii. Satisfying one of the following:
 - a. Completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or

- b. Demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
 - c. Completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
 - d. Demonstrated proficiency in one or more languages other than English through one of the following methods:
 - i. A score of 3 or higher on a College Board Advanced Placement examination for a language other than English; or
 - ii. A score of 4 or higher on an International Baccalaureate examination for a Higher-Level Languages other than English course; or
 - iii. Performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent.
- iii. In addition to meeting the requirements of paragraph (1) of this subsection, to earn a performance acknowledgment in Bilingualism and Biliteracy, an English language learner must also have:
- a. Participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and
 - b. Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

III. Outstanding Performance on AP or IB Exams

Student may earn a performance acknowledgment on the student's diploma and transcript for outstanding performance on a College Board advanced placement test or International Baccalaureate examination by earning:

- A score of 3 or above on a College Board advanced placement examination.
- A score of 4 or above on an International Baccalaureate examination.

IV. Outstanding Performance on College Entrance Exams

A student may earn a performance acknowledgment on the student's diploma and transcript for outstanding performance on the PSAT®, the ACT-Aspire®, the SAT®, or the ACT® by:

- Earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/ NMSQT®) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation.
- Achieving the college readiness benchmark score on at least three of the five subject tests on the ACT-Aspire® examination.

- Earning a composite score on the ACT® examination of 28 (excluding the writing sub score).
- Beginning August 2018, earning a total score of at least 1310 in the SAT.
- Prior to August 2018, scores of at least 410 on the evidence-based reading section and 520 on the mathematics of the SAT®.

V. Professional License or Certification

A student may earn a performance acknowledgment on the student's diploma and transcript for earning a nationally or internationally recognized business or industry certification or license with:

- Performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; or
- Performance on an examination sufficient to obtain a government-required credential to practice a profession

Nationally or internationally recognized business or industry certification shall be defined as an industry-validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular profession or occupation that is issued by or endorsed by:

- A national or international business, industry, or professional organization;
- A state agency or other government entity; or
- A state-based industry association

Certifications or licensures for performance acknowledgements shall:

- Be age appropriate for high school students;
- Represent a student's substantial course of study and/or end-of-program knowledge and skills;
- Include an industry-recognized examination or series of examinations, an industry-validated skill test, or demonstrated proficiency through documented, supervised field experience; and
- Represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation

STUDENTS ENTERING HIGH SCHOOL 2014-2015 AND BEYOND

Foundation High School and McAllen ISD Course Requirements for Graduation (Policy EIF Local Exhibit)

Additional, State-approved courses not offered in McAllen ISD may be accepted for transfer credit upon evaluation of a student's transcript. The Foundation Graduation Plan may be modified for students with disabilities as per the Admission, Review, and Dismissal Committee.

At McAllen ISD, it is required that all students enroll and complete all four core subject areas during each year in high school. This excludes courses taken for high school credit in middle school. Parents and students are encouraged to carefully consider college entrance requirements and career readiness standards set by institutions of higher education.

Foundation High School Program with Endorsements Distinguished Level of Achievement	Foundation High School Program with Endorsements	Foundation High School Program without Endorsements <i>Requires administrative approval</i>
26 CREDITS	26 CREDITS	26 CREDITS
4 credits English - ELA I, II, III, one credit in any advanced English course	4 credits English - ELA I, II, III, one credit in any advanced English course	4 credits English - ELA I, II, III, one credit in any advanced English course
4 credits Mathematics - Algebra I, Geometry, Algebra II, one credit in any advanced math course	4 credits Mathematics – Algebra I, Geometry, two credits in any advanced math course	3 credits Mathematics - Algebra I, Geometry, one credit in any advanced math course
4 credits Science - Biology, plus IPC or Chemistry or Physics, plus two additional advanced courses*	4 credits Science - Biology, plus IPC or Chemistry or Physics, plus two additional advanced courses*	3 credits Science - Biology, plus IPC or Chemistry or Physics, plus one additional advanced course*
4 credits Social Studies - U.S. History, U.S. Government (.5 credit), Economics (.5 credit), World History and World Geography	4 credits Social Studies - U.S. History, U.S. Government (.5 credit), Economics (.5 credit), World History and World Geography	3 credits Social Studies - U.S. History, U.S. Government (.5 credit), Economics (.5 credit), World History or World Geography
2 credits Languages other than English in the same language	2 credits Languages other than English in the same language	2 credits Languages other than English in the same language
1 credit Physical Education	1 credit Physical Education	1 credit Physical Education
1 credit Fine Arts	1 credit Fine Arts	1 credit Fine Arts
6 credits in electives including: Freshman High School Transition PREP Credit requirements specific to at least one endorsement	6 credits in electives including: Freshman High School Transition PREP Credit requirements specific to at least one endorsement	9 credits in electives including: Freshman High School Transition PREP

Distinguished Level of Achievement	Endorsement	Performance Acknowledgement
Distinguished Level of Achievement is the Foundation/Endorsement Plan including Algebra 2. Students are eligible for Top 10% Automatic Admission to state universities with the exception of the University of Texas- Austin as the institution has more strict admissions requirements.	A student may earn an endorsement by successfully completing curriculum requirements for endorsements adopted by the State Board of Education in the following areas: • STEM- Science, Technology Engineering and Mathematics • Business and Industry • Public Services • Arts and Humanities • Multidisciplinary Studies	This acknowledgement may be earned for: (1) outstanding performance in the following areas: • Completion of at least 12 hours' academic college coursework with final grades of A or B (3.0 or above) • In bilingualism and bi-literacy; • On a college advanced placement test or international baccalaureate examination; or • On the PSAT, or (2) for earning a nationally or internationally recognized business or industry certification or license.
<i>Additionally, students must pass all required end-of-course tests to graduate.</i>		

*See Course Pathway Chart in the Science course description on page 131

Local Graduation Requirement

As per McAllen ISD Curriculum Bulletin and Local Board Policy (EIF), students are required to successfully complete the following courses prior to graduation: (1) HS College Transition BIM I and (2) Professional Readiness and Employment Preparation (P.R.E.P.) BIM II.

This requirement applies to all students, including those students who transfer from other districts after their Freshmen or Sophomore years. Furthermore, students who have attempted the course(s) but did not successfully earn a full passing credit for the course(s) (as noted in the final average) must successfully complete the course(s) to be considered for graduation. Courses may be completed through traditional course instruction or via credit recovery programs.

Financial Aid Application Requirement

In accordance with Texas Education Code (TEC), §28.0256, beginning with students enrolled in Grade 12 during the 2021-2022 school year, a student shall complete and submit a free application for federal student aid (FAFSA) or a Texas application for state financial aid (TASFA) as a requirement for receiving a high school diploma.

Each school district and open-enrollment charter school shall provide students with the following notifications regarding the financial aid application requirement.

- (1) Standard information regarding the financial aid requirement and the exceptions under subsection (b) of this section shall be provided at the time a student first registers for one or more classes required for high school graduation.
- (2) Detailed information regarding instructions for the completion and submission of a financial aid application shall be provided to a student at the beginning of Grade 12 or at the time a student in Grade 12 transfers into a high school from a non-public school or a public school outside of Texas. The instructions shall include:
 - (A) an explanation of the FAFSA and TASFA and the difference between the two;
 - (B) instructions for how to access the FAFSA and TASFA, including key dates and deadlines for completion and submission;
 - (C) resources available to support completion and submission of the FAFSA and TASFA;
 - (D) documents and information required to complete the FAFSA or TASFA; and
 - (E) contact information for school staff or local community resources available to support completion of the forms.

ALGEBRA II COMPLETION NOTIFICATION

The 86th Texas Legislature, Regular Session, 2019, passed SB 232 requiring school districts, not later than September 1 of each school year, to notify by regular mail or email the parents or guardians of each student enrolled in grade nine or above that state graduation requirements do not require a student to complete an Algebra II course to graduate under the Foundation High School Program. The notification must explain that if a student does not complete an Algebra II course, a student will not be eligible for –

- Automatic college admission or
- Certain financial aid including:
 - The TEXAS grant program under Subchapter M, Chapter 56; and
 - The TEXAS Educational Opportunity Grant Program under Subchapter P, Chapter 56.

This notification requirement applies beginning with the 2019-2020 school year.

Texas First Early High School Completion Program

The Texas First Diploma Program offers students an opportunity to graduate EARLY with the Distinguished level of Achievement and receive a scholarship for college. Students may be eligible to accelerate their path to college and receive a scholarship for one or two semesters at any Texas public institution of higher education, including colleges, universities, and technical colleges.

Students need the following to be eligible:

- Texas residency
- FAFSA completion
- At least 22 high school credits and a final GPA equivalent to 3.0 or higher
- Additional academic requirements, including college readiness test scores, STAAR exam participation, and demonstration of mastery in various subjects

Students can graduate two or more semesters early and receive a two-semester scholarship, equivalent to the amount of the TEXAS grant, upon admission to any Texas public institution of higher education, including colleges, universities, and technical colleges. They may also be eligible for additional financial aid at most of these institutions.

The Texas First Diploma does not guarantee automatic admission for students. Students can apply to any college or university they choose; however, the scholarship will apply only at the Texas public institution of higher education where they have been admitted.

Use it or lose it! The scholarship offer will expire at the end of the first academic year following graduation, so students are encouraged to attend college directly after high school.

NOTE: Before September 1, 2023, the Texas First Scholarship was only applicable at 10 Texas public universities. However, effective September 1, 2023, the number of institutions of higher education eligible to award the Texas First Scholarship to eligible Texas First Diploma graduates expanded from 10 universities to all Texas public institutions of higher education, including colleges, universities, and technical colleges (Senate Bill 2294, 88th Texas Legislature, Regular Session). Students can ask their counselors for details.

STUDENTS ENTERING HIGH SCHOOL 2014-2015 AND BEYOND

Advanced Courses offered in McAllen for the Foundation High School Program

Approved list from TEA (Bold Printed Courses offered by McAllen ISD)

Note: Dual-credit courses are not specifically shown on this list

English Language Arts	
Advanced Broadcast Journalism III	AP English Language and Composition
AP English Literature and Composition	College Prep ELA [pursuant to TEC, §28.014]
Creative Writing	Debate III
Humanities (First Time Taken)	IB HL English A Literature Y1 (English 3)
IB HL English A Literature Y2 (English 4)	Independent Study in English (First Time Taken)
Independent Study in Journalism (First Time Taken)	Independent Study in Speech (First Time Taken)
Literary Genres	Oral Interpretation III
Public Speaking III	Research/Technical Writing

Mathematics	
Accounting II	AP Calculus AB
AP Calculus BC	AP Computer Science A
AP Statistics	Applied Math for Tech Professionals
College Prep. Mathematics course endorsed by an IHE [pursuant to TEC, §28.025(b-5)]	Digital Electronics
Discrete Mathematics for Computer Science	Engineering Mathematics
Financial Mathematics	IB Mathematics: Analysis and Approaches SL & HL Y1 & Y2
IB Mathematics: Applications and Interpretations SL & HL Y1 & Y2	Independent Study in Math (1 st & 2 nd Time Taken)
Manufacturing Engineering Technology II	Mathematical Applications in Ag/Food and Natural Resources
Math for Medical Professionals	Precalculus
Robotics II	Robotics Programming and Design
Statistics and Business Decision Making	AP Precalculus

*Note: A course on this list may be taken either before or after one of the following courses: Mathematical Models with Applications, Mathematical Applications in Agriculture Food and Natural Resources, Digital Electronics, Robotics Programming and Design.

Science	
Advanced Animal Science	Advanced Plant and Soil Science
Anatomy and Physiology	AP Biology
AP Chemistry	AP Environmental Science
AP Physics I: Algebra Based	AP Physics II: Algebra Based
AP Physics C: Electricity and Magnetism	AP Physics C: Mechanics
Biotechnology I	Biotechnology II
Engineering Design and Problem Solving	Engineering Science
Forensic Science	Food Science
IB Biology SL & HL Y1 & Y2	IB Chemistry SL & HL Y1 & Y2
IB Environmental Systems and Societies SL	IB Physics SL & HL Y1 & Y2
Medical Microbiology	Pathophysiology
Principles of Technology	Scientific Research and Design I, II, and III

Social Studies/History	
AP Comparative Government and Politics	AP European History
AP Human Geography	AP Macroeconomics
AP Microeconomics (Lamar Academy only)	AP Psychology
AP United States Government and Politics	AP United States History
AP World History	Economics Advanced Studies (First Time Taken)
IB History: Americas HL Y1 & Y2	IB Psychology SL & HL Y1 & Y2
Social Studies Advanced Studies (First Time Taken)	

At McAllen ISD, it is required that all students enroll and complete all four core subject areas during each year in high school. This excludes courses taken for high school credit in middle school. Parents and students are encouraged to carefully consider college entrance requirements and career readiness standards set by institutions of higher education.

Graduation Program - *Overview*

Foundation High School Program

A new, more flexible graduation program that allows students to pursue their interests will be in place for all students who enter high school, beginning in the 2014-2015 school year.

The program contains up to four parts:

- A 22-credit foundation program which is the core of the new Texas high school diploma
- Five endorsement* options that allow students to focus on a related series of courses
- A higher performance category called Distinguished Level of Achievement
- Performance Acknowledgments that note outstanding achievement

The Foundation requirements (22 credits) include:

English (4 credits)	• English I	• English II	• English III	• An advanced English course
Mathematics (3 credits)	• Algebra I	• Geometry	• An advanced math course	
Science (3 credits)	• Biology	• Integrated Physics & Chemistry or an advanced science course		
	• An advanced science course			
Social Studies (3 credits)	• World History or World Geography		• U.S. History	
	• U.S. Government (one-half credit)		• Economics (one-half credit)	
Languages Other Than English (2 credits)	• 2 credits in the same language or			
	• 2 credits from Computer Science I, II, III			
Physical Education (1 credit)	Fine Arts (1 credit)		Electives (5 credits)	
Speech: Demonstrated proficiency				

Endorsements Total credits with endorsements 26

Enhancements

Additionally, a student may earn the Distinguished Level of Achievement and/or a Performance Acknowledgment for outstanding performance. The Distinguished Level of Achievement must be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law.

Distinguished Level of Achievement

- Foundation Program requirements
- 4 credits in math including Algebra II
- 4 credits in science
- at least 1 endorsement

Performance Acknowledgments

- dual credit course
- bilingualism and biliteracy
- PSAT, ACT's Plan, SAT or ACT
- Advanced Placement or International Baccalaureate exam
- earning a nationally or internationally recognized business or industry certification or license

*A student entering 9th grade must indicate an endorsement he or she plans to follow. A student may change or add an endorsement at any time.

A student may graduate without earning an endorsement if, after his or her sophomore year, the student's parent signs a form permitting the student to omit the endorsement requirement.



Endorsements - *Choices*

Endorsements

For the first time, students will be able to earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area.

Students must select an endorsement* in the ninth grade. Districts and charters are not required to offer all endorsements. If only one endorsement is offered, it must be multi-disciplinary studies.

Students earn an endorsement by completing the curriculum requirements for the endorsement, including 4th credit of math and science and 2 additional elective credits.

Students can choose from 5 endorsement areas

Science, Technology, Engineering and Mathematics (STEM)

- Career and Technical Education (CTE) courses related to STEM
- Mathematics
- Science
- Computer Science
- Combination of no more than two of the categories listed above

Business and Industry (one of the following or a combination of areas)

- Agriculture
- Arts
- Audio/Video
- Finance
- Marketing
- Food and Natural Resources
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Technology Applications
- Architecture and Construction
- Technology and Communications
- Business Management and Administration
- Transportation or Distribution and Logistics
- English electives in public speaking, debate, advanced broadcast journalism, advanced journalism including newspaper and yearbook

Public Service (one of the following)

- Human Services
- Law
- Corrections and Security
- Health Science
- Public Safety
- Education and Training
- Government and Public Administration
- Junior Reserve Officer Training Corps (JROTC)

Arts and Humanities (one of the following)

- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theater, art, dance) in fine arts
- English electives not included in Business and Industry
- Social Studies
- American Sign Language (ASL)

Multi-Disciplinary Studies (one of the following)

- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
- 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts

*Visit your school counselor to learn more about your options.
Students may earn more than one endorsement.

ENDORSEMENTS

5 Endorsement Choices



Endorsements

Students are able to earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area. Students must select an endorsement in the eighth grade. Students earn an endorsement by completing the curriculum requirements for the endorsement, including a 4th credit of math and science and 2 additional elective credits.

Students can choose from 5 endorsement areas. McAllen ISD has several resources in place which will help clarify and simplify this task.

Endorsement Resources:

- **XELLO:** XELLO is an Internet based career exploration and planning tools program that can assist students in selecting an endorsement. Students will be provided with an interest inventory through XELLO during their 8th grade pre-registration to assist them in the selection of their endorsement. Students and parents will confirm the endorsement with high school counselors and annually review and update their Personal Graduation Plan. Students may change their endorsement by the end of their 10th grade year. Student and parent will need to meet with academic counselor to assure graduation requirements are met if endorsement is changed.
- **Counseling and Guidance:** If a student is choosing to attend UTRGV Collegiate Academy, Achieve Early College High School or participate in the Lamar Academy International Baccalaureate Program, campus counselors and IB coordinator are available for assistance.



- **Four-Year Personal Graduation Plan (PGP)** To receive a diploma from McAllen ISD students must meet the requirements of local state graduation requirements as mandated by Chapter 74 of the Texas Administrative Code, as well as testing requirements for graduation (refer to pgs. 20-21). Students will develop a personal graduation plan (PGP) that identifies the courses which will satisfy the program requirements and prepare them for their chosen post-secondary education and career. The Four-Year Personal Graduation Plan (PGP) is created at the student's eighth grade year and is reviewed by student and parent, and counselor.

College and House Bill 5 Resources



In 2013, the Texas Legislature passed House Bill 5 creating a new graduation plan for Texas students — the Foundation High School Program. The TEA website provides an array of information including:

<http://tea.texas.gov/graduation-requirements/hb5.aspx>

- A side-by-side comparison of the Foundation High School Program and the previous graduation plans (PDF)
- A Foundation High School Program Frequently Asked Questions (PDF)
- Approved Foundation High School Program Rules — Detailed information about the state’s graduation plan (PDF)

Information – Workforce Resources

Career

If you are considering going straight into the workforce or into a technical training program following graduation, you still need to complete your high school education and earn a high school diploma.

While in high school, you will want to:

- **Look** at the five endorsements offered under the Foundation High School Program.
- **Determine** your area of interest.
- **Complete** your selected endorsement along with the required foundation program to earn your high school diploma.
- **Learn** about available jobs, and any required post-high school or technical training.
- **Explore** new career opportunities.
- **Research** wage and occupation information, required levels of education and training requirements.
- **Discover** your interests and abilities; use labor market resources at <https://texasrealitycheck.com/> and at <https://www.twc.texas.gov/jobseekers/career-exploration-trends>
- **Research** which jobs are among the fastest and most in-demand in Texas at <http://www.texascareercheck.com/>

Community College & Career Schools

Find training and certifications for special occupations or skills through community colleges or career schools and colleges at

<https://www.twc.texas.gov/partners/career-schools-colleges-resources>

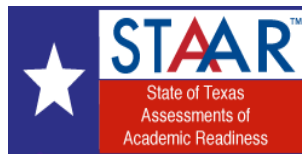
<https://www.tstc.edu/workforcetraining/>

<https://academicaffairs.southtexascollege.edu/degreeplans/certificates.html>

EXIT LEVEL TEST REQUIREMENTS

Beginning with the 2017–2018 school year, the Texas Assessment of Knowledge and Skills (TAKS) assessments will no longer be administered. Students for whom TAKS is a graduation requirement, including former TAAS and TEAMS examinees, may pursue the following options to receive a Texas high school diploma.

1. Request a district decision. An examinee should contact the school district where he or she was last enrolled to request a district decision regarding whether the examinee qualifies to graduate and receive a high school diploma.
2. Achieve satisfactory performance on an alternate assessment. The alternate assessments allowed for TAKS are SAT, ACT, TSI, and STAAR. Former TAKS, TAAS, and TEAMS examinees should take only the appropriate part of the alternate assessment he or she needs to fulfill testing graduation requirements. More information is available in the Texas Administrative Code §101.4003.



State of Texas Assessments of Academic Readiness

STAAR was first implemented for ninth-graders in 2011-2012 . Students are required to pass five End of Course (EOC) Exams in order to graduate. The five required EOC Exams include:			
English Language Arts	Math	Science	Social Studies
English I English II	Algebra I	Biology	U.S. History

College Readiness Courses and Programs

College preparatory courses are offered to students in many subject areas at every grade level in high school. These courses are designed for any and all students who have a desire to pursue a rigorous curriculum in any subject area and who want the best preparation for college.

Courses are designated with “Pre-AP/IB,” “AP,” “Dual,” or “IB” in the course name. In addition to all Texas Essential Knowledge and Skills, subject matter is extended both in breadth and depth and aligned with the expectations of college-readiness from both the Advanced Placement® (AP) Program and the International Baccalaureate® (IB) Diploma Programme (DP). Although not required, Pre-AP/ MYP IB courses in the 9th and 10th grade are designed to prepare students to be successful in future AP, Dual and/or IB courses. Enrollment in Pre-AP/ IB, AP, Dual and IB courses at the high school level is open to all students who wish to undertake a rigorous course of study.

Students in College Readiness Courses and Programs are served through one of the following:

- [Advanced Placement \(AP\) Program](#)
 - AP Course Participant/ McAllen ISD AP Program Graduate (not additional diploma)
 - AP Capstone Diploma Program
 - AP [Capstone Certificate Program](#)
- [International Baccalaureate \(IB\) Program](#)
 - IB Diploma Program
- Dual Enrollment (College and High School Credit)
 - [South Texas College Dual Credit Program](#)
 - [University of Texas OnRamps Dual Enrollment Program](#)
 - [University of Texas RGV Collegiate Academy](#)
- [Achieve Early College High School](#)
 - Associate Degree (60+ College Credit Hours)
- [South Texas College Academies](#)
 - Associate Degrees (60 + College Credit Hours)
 - Dual Enrollment Medical Science Academy DEMSA
 - Dual Enrollment Engineering Academy DEEA
 - Dual Enrollment Criminal Justice Academy DECJA
 - Dual Enrollment Teaching Academy DETA
 - Dual Enrollment Business Administration Academy DEBAA
- [UTRGV Collegiate Academy](#)
 - Core Complete
 - Health Science Track
 - Computer Science Track
 - Engineering Track
 - Education Track



High School Graduation Requirements	State of Texas High School Diploma Foundation High School Program – 26 credit hours required for all endorsements. 5 Endorsements Offered		
Additional Acknowledgements	• Distinguished Level of Achievement • Performance Acknowledgements		
Additional Diploma Programs	<u>STC Associates Degree</u>	<u>AP Capstone Diploma</u>	<u>IB Diploma</u>
Available at:	AECHS (only academic Associate Degrees) STC Academies: McAllen High School, Memorial High School, James “Nikki” Rowe High School	McAllen High School, Memorial High School, James “Nikki” Rowe High School	Lamar Academy serving McAllen High School, Memorial High School, James “Nikki” Rowe High School
Time Commitment	AECHS grades 9 - 12 Dual Enrollment Academy – Summer before 10 th grade to 12 th grade Summer School required	Enrollment grades 9 – 12 4 AP Classes AP Seminar AP Research	Enrollment grades 9 – 12 All Middle Years Programme classes (9-10) 6 Diploma Programme classes (11-12) Additional requirements Summer School possible
9th and 10th grade	Enrollment at AECHS or Comprehensive High School (Apply for Academies during spring semester of 10 th grade.)	Enrollment at High School in Pre-AP or AP classes	Enrollment at Lamar Academy in MYP Programme or enrollment in 11 th grade
11th and 12th grade	AECHS students follow degree plan. Comprehensive High School students attend STC Academy for ½ day.	Complete requirements AP Seminar (11 th Grade) AP Research (12 th Grade)	Enrollment in Diploma Programme

College Board Advanced Placement® Program

The College Board’s Advanced Placement (AP) Program offers high school students an opportunity to take college-level courses at McAllen ISD High School campuses. Students taking AP courses in high school develop a strong academic foundation and build skills for college success. Students are encouraged to pursue AP courses in areas of interest and future studies. Students taking AP courses are more likely to major in those areas of study after high school. [Visit the College Board AP Credit Policy Search page for more information on colleges and universities that offer credit for AP Courses.](#)

AP Courses are available in the following areas:

- English: [English Language and Composition](#), [English Literature and Composition](#)
- World Language: [Spanish Language and Culture](#) and [Spanish Literature and Culture](#)
- History: [World History](#), [United States History](#), [Human Geography](#), [Macroeconomics](#), [United States Government and Politics](#), [European History](#), [Psychology](#), [Microeconomics](#)
- Sciences: [Biology](#), [Chemistry](#), [Environmental Science](#), [Physics 1](#)
- Mathematics: [Calculus AB](#), [Calculus BC](#), [Statistics](#), [Computer Science A](#), [Precalculus](#)
- Arts: [Studio Art: 2 – D Design](#), [Studio Art: 3 – D Design](#), [Drawing](#), [Music Theory](#)
- Computer Science: [Computer Science Principles](#), [Computer Science A](#)
- Capstone: [Seminar](#), [Research](#)

Students in AP courses are required to take the AP tests. AP exam registration is held in September and October, and the district will pay for all AP exams. After the drop date, the restocking fee is \$45.00/exam. If a student wishes to challenge an AP exam for a course in which they are not enrolled, the district may or may not approve the request or pay for the exam. See the campus Dean of Instruction for more information. It is highly recommended that any student wishing to challenge an AP exam be enrolled in a course that provides academic preparation for the examination.

College Board's AP Capstone™

College Board's AP Capstone™ is an innovative diploma program that allows students to develop the skills for future college success: research, collaboration, and communication. The program includes a two-course sequence: AP Seminar and AP Research. Developed in direct response to feedback from higher education faculty and college admission officers, AP Capstone compliments the in-depth, subject-specific rigor of Advanced Placement courses and exams. Students who complete AP Seminar and AP Research with scores of 3 or higher and receive scores of 3 or higher on four AP Exams in subjects of their choosing, will receive the AP Capstone Diploma™. Students who earn scores of 3 or higher on the two AP Capstone exams but do not take or earn qualifying scores on four additional AP Exams will receive the AP Seminar™ and Research Certificate™.

McAllen ISD Local Award: AP Program Graduate

To encourage the participation of students in the AP Program and ensure participation for all 4 years in high school as preparation for university or college, McAllen ISD has a local distinction for students, at the comprehensive high schools only, participating in the AP Program.

Students beginning ninth grade in 2013-2014 will be able to follow an AP graduation plan to be considered as a McAllen ISD AP Program Graduate.

Criteria:

- Graduate with a minimum of 12 Pre-AP and AP courses with at least four of the courses being AP.
- Take all AP exams for the courses you are enrolled in and allow McAllen ISD to receive the scores.
(Students not enrolled in an AP course who challenge an AP exam and score a three or higher will be able to count the course as one of their 12 courses.)
- Pre-AP courses taken in middle school for high school credit will also count toward the 12 cumulative courses.
(Pre-AP Algebra I and Pre-AP Geometry)
- International Baccalaureate Programme students can substitute high school Middle Years Programme and DP courses for Pre-AP and AP courses if a student exits the IB Programme to return to full-time status at the traditional high school.

Students who receive a 3, 4 or 5 on an AP exam may [receive college level credit, or advanced placement](#), depending on the University. [Please visit the university websites for more information on AP credits granted.](#)

Students enrolled in AP courses or challenging AP exams are required to participate in the AP exams for which they have registered. Students must also participate in study sessions and mock exams. [On AP exam day](#), "no-shows" will be required to reimburse the district for all exam fees.

Exams, study guides, mock exams and study sessions are free to students.

For 9th grade students entering 2014 – 2015 and beyond, a student earning a 3, 4 or 5 on an AP exam may earn a Performance Acknowledgement.

AP Spanish Language and Culture
Credit by Exam Administrative Regulations
March 21, 2022

EDUCATION CODE

TITLE 2. PUBLIC EDUCATION
SUBTITLE F. CURRICULUM, PROGRAMS, AND SERVICES
CHAPTER 28. COURSES OF STUDY; ADVANCEMENT
SUBCHAPTER A. ESSENTIAL KNOWLEDGE AND SKILLS; CURRICULUM
Sec. 28.023. CREDIT BY EXAMINATION.

(a) Using guidelines established by the State Board of Education, a school district shall develop or select for review by the district board of trustees, examinations for acceleration for each primary school grade level and for credit for secondary school academic subjects. The guidelines must provide for the examinations to thoroughly test comprehension of the information presented in the applicable grade level or subject. The board of trustees shall approve for each subject, to the extent available, at least four examinations that satisfy State Board of Education guidelines. The examinations approved by the board of trustees must include:

- (1) advanced placement examinations developed by the College Board; and
- (2) examinations administered through the College-Level Examination Program.

TEXAS ADMINISTRATIVE CODE

[TITLE 19](#) EDUCATION
[PART 2](#) TEXAS EDUCATION AGENCY
[CHAPTER 74](#) CURRICULUM REQUIREMENTS
[SUBCHAPTER C](#) OTHER PROVISIONS
RULE §74.24 Credit by Examination

(1) A school district board of trustees shall approve for each high school course, to the extent available, at least four examinations. The board of trustees shall approve an audit process to be completed for examinations under subparagraph (B)(iii) of this paragraph.

(A) The examinations shall include the following, which are not subject to the requirements in paragraphs

(2)-(7) of this subsection:

- (i) College Board advanced placement examinations; and
- (ii) examinations administered through the College-Level Examination Program.

Awarding of Credit for AP Spanish Language Exam*:

- If a student is not enrolled in AP Spanish Language and Culture course, and exhibits Spanish written, oral, speaking, and listening language proficiency that is verifiable and demonstrable, the student may register in October to “challenge” the AP Spanish Language Exam. A “challenge” of the AP Spanish Language exam means the student will register to take the exam with no prior classroom instruction.
- Score of a 3, 4, or 5 on the AP Spanish Language Exam awards credit for the following:

AP Spanish Language Exam Score	High School Equivalency	Score on Transcript
3	03440330 LOTE Level III – Spanish for Spanish Speakers	B
4	03440330 LOTE Level III – Spanish for Spanish Speakers and 03440440 LOTE Level IV – Spanish for Spanish Speakers	B
5	03440330 LOTE Level III – Spanish for Spanish Speakers and 03440440 LOTE Level IV – Spanish for Spanish Speakers	A

*Awarding of credit based on passing score on AP exam applies to LOTE AP exams only. If a district determines, by whatever method is approved by the district, that the student demonstrates mastery in the TEKS for a LOTE course and the expected level of language proficiency, then the student may be awarded credit.

Pre-AP and AP Classes Entry/Exit Guidelines

Entry Procedure: McAllen ISD has an open enrollment policy regarding Pre-Advanced Placement and Advanced Placement (AP) courses. Advanced Placement courses are equivalent to college level courses. Pre-Advanced placement is preparation for Advanced Placement courses and instructional practices include acceleration and alignment to the AP curriculum. McAllen ISD believes most students are sufficiently prepared to participate in college level courses, while in high school. STAAR End of Course and PSAT are good predictors of success in Pre-AP and AP courses.

Students new to Advanced Placement should confer with their parents and counselor regarding requirements and rigor. **Students who are enrolled in an Advanced Placement class are required to take the Advanced Placement exam at the end of the school year.**

Parents and students must consider the following when planning to enroll in Pre-AP and AP classes:

- Completing Pre-Advanced placement courses during the 9th and/or 10th grade as preparation for AP courses, fulfilling all requirements of the courses
- Achieving Meets Grade Level Performance or Masters Grade Level Performance on STAAR/STAAR EOC
- PSAT “AP Potential” scores may be considered prior to AP enrollment.
- Attending required tutoring and required Advanced Placement Prep sessions throughout the school year
- Committing time to study for a college level course
- Completing the required summer reading and assignments

Exit Procedure: Once enrolled in an Advanced Placement course, an AP student may only exit due to extenuating circumstances. Exits occur within the first six weeks of the first semester or the fourth six weeks of the second semester. To exit an AP class, a committee established by the principal will determine the need for exit based on the following:

- Student/parent request
- AP Teacher input
- Academic Counselor input
- Teacher/Student/Parent Conference
- AP Coordinator and Principal approval
- Space/scheduling availability in a comparable course

McAllen ISD Advanced Placement (AP) Course List			
English	English Language and Composition	English Literature and Composition	
Math	Precalculus Calculus AB Calculus BC	Statistics	Computer Science A
Science	Biology Environmental Science	Chemistry	Physics I
STEM	*Computer Science Principles	Computer Science A	
History and Social Sciences	*World History *Human Geography	United States History	*United States Government and Politics * Macroeconomics * Microeconomics European History Psychology
World Languages and Culture	Spanish Language and Culture	Spanish Literature and Culture	
Arts	Music Theory	Studio Art: 2 – D Design, Studio Art: 3– D Design	Drawing
AP Capstone	Seminar	Research	

* Note these courses are also offered at IB Lamar. Microeconomics is offered at Lamar Academy only.

The International Baccalaureate® (IB) Middle Years Programme (MYP) (Grades 6-10)

The International Baccalaureate Programme is a rigorous and comprehensive curriculum designed to meet the challenge of 21st-century college-bound and highly motivated students. McAllen ISD offers Years 1-3 (grades 6-8) of the Middle Years Programme at DeLeon Middle School and Years 4-5 (grades 9-10) at IB at Lamar Academy. Students are not required to complete Years 1-3 in order to qualify for Years 4-5 of the Middle Years Programme. All students apply to the MYP Programme at Lamar Academy for Year 4 (grade 9). Admissions information is shared on the Lamar Academy website on November 1st each year. Students have an opportunity to earn the MYP certificate for completing IB course work and requirements for Years 4 and 5. A student who earns the MYP Certificate qualifies for admittance into the IB Diploma Programme at Lamar Academy.

Students in Years 1-3 of the Middle Years Programme are required to complete the following areas of study:

- Arts (Performing/Visual)
- Design
- Language Acquisition (Spanish)
- Physical and Health Education
- Individuals and Societies
- Sciences
- Mathematics
- Language and Literature
- Each MYP Year 3 (8th Grade) student must participate in a Community Project

Students in Years 4-5 of the Middle Years Programme are required to complete the following:

- Complete MYP and McAllen ISD assessment requirements for a minimum of 6 required MYP Courses (Language and Literature, Language Acquisition, Individuals and Societies, Science, Mathematics, Design) and a maximum of 8 MYP Courses that include Physical and Health Education and the Arts (may be completed as MYP courses at Lamar Academy or at the student's home campus if the course is not offered at Lamar Academy).
- Complete a Personal Project in Year 5 (grade 10) and receive a minimum passing score of 3 out of 7 marks from the personal project supervisor in order to advance to the Diploma Programme at Lamar Academy. The MYP Personal Project allows students to demonstrate their understanding and skills they have developed throughout the Programme. Students will complete the MYP Personal Project, which is a significant piece of work over an extended period (25+ hours) completed independently and presented to the community.
- Complete 10 Service experiences and reflections for each experience over the course of Years 4 and 5 of the MYP. Three of these experiences must be curriculum-related experiences designated by MYP teachers.

Upon successful completion of the Middle Years Programme at Lamar Academy, community Service requirements and the Personal Project, students are awarded an MYP Certificate and admission into the Diploma Programme. All students enrolled in the IB MYP Programme must satisfy all Course and Core requirements.

International Baccalaureate Diploma Programme (DP) (Grades 11-12)

The International Baccalaureate (IB) Diploma Programme enables students to earn an internationally recognized diploma in addition to their regular high school diploma. Students are required to complete the following course work in six (6) subject areas:

- At least three (3) and not more than (4) of the courses must be at a Higher Level (HL) (240 hours of instruction) and,
- Up to three (3) of the courses taken at the Standard Level (SL) (at least 150 hours of instruction).
- Upon completion of the course, students are required to take three to four IB assessments in each subject. Students can earn from zero to seven (0-7) marks for each course. The student must earn at least 24 points of the possible 45 to earn the International Baccalaureate Diploma.
- Of the 24 points, students must earn 12 points in their HL courses.

- A student cannot receive a score of a “1” or more than two “2s” or three “3s” in all of their course scores to receive a diploma.
- Students must also complete two years of the Theory of Knowledge course as well as receive an IB course grade of A-D.
- Complete experiences in creativity, action and, service (CAS) continuously over the course of 18 months, beginning the first day of grade 11. Students are required to complete creativity activities that can be interpreted as imaginatively as possible to cover a wide range of arts and other activities and to include creativity by the individual student in designing and carrying out service projects. Students are also expected to complete activity experiences, which can include participation in physical exercise, expeditions, individual and team sports, and physical training. Finally, students must complete service activities. This service must serve others and can include community, environmental and international projects.
- Students must also complete a collaborative CAS project of their own design that requires at least 1 month of planning and executing that can fall under any of the CAS strands.
- Every IB Diploma candidate must submit and pass an extended essay of 4,000 words maximum. The extended essay is an in-depth study of a limited topic within an IB subject. The purpose is to provide candidates with an opportunity to engage in independent research. Students must receive a score of A-D from IB.
- Students receiving a four (4) or better in an IB course may be awarded advanced credit with colleges and universities. A student earning an IB Diploma will earn a minimum of 24 college hours in a public Texas University.

For 9th grade students entering 2014 – 2015, a student earning a 4 or higher on an IB exam may earn a performance acknowledgement if they have an additional IB course.

McAllen ISD International Baccalaureate (IB) Course List		
IB English A: Literature HLY1	Environmental Systems and Societies SL	IB Math Analysis & Approaches SL Y1, Y2
IB English B: Literature HLY2	IB Biology SL Y1, Y2	IB Math Analysis & Approaches HL Y2
IB Spanish B SLY1	IB Biology HL Y2	DP Theater Arts SL Y1, Y2
IB Spanish B SLY2	IB Chemistry SL Y1, Y2	DP Theater Arts HL Y2
IB Spanish B HLY2	IB Chemistry HL Y2	IB Visual Arts SL Y1, Y2
IB Spanish Language & Literature for Bilingual Diploma SL Y1, Y2	IB Physics SL Y1, Y2	IB Visual Arts HL Y2
IB History of the Americas HLY1 & Y2 (US History)	IB Physics HL Y2	Theory of Knowledge (TOK)
IB Psychology SL Y1, Y2	IB Math Applications & Interpretations SL Y1, Y2	IB Computer Science SL Y1
IB Psychology HL Y2	IB Math Applications & Interpretations HL Y2	IB Computer Science SL Y2

IB Programme Entry/Exit Guidelines

McAllen ISD has an application enrollment policy regarding the International Baccalaureate Programme. Enrollment in IB is equivalent to taking college level courses while in high school.

Entry Procedure: To participate in the International Baccalaureate Programme, Middle Years Programme or Diploma Programme, all interested students must submit an application and meet all deadlines. The purpose of the application process is to determine the student's level of engagement with and commitment to a rigorous course of study. Students can apply for the 9th and 11th grade years only, unless transferring from another approved IB World School. The teachers and staff at the IB Programme will review the applications. Upon completion of the application, an IB committee will determine entry based on the following:

- Teacher and Counselor Recommendations (math, science, English, humanities/history)
- Diagnostic Expository Writing
- Mathematics Diagnostics Assessment
- Previous Course Grades & Attendance Records
- Student Entrance Interview
- Volunteer/Extra-Curricular/Service Log (DP Only)
- Graded Research Component (DP Only)

Exit Procedures:

An exit from the IB Programme at Lamar Academy may be initiated by the student, parent, Counselor, IB Coordinator, or Principal/Head of School.

Students or Parent-Initiated Exit

- IB Coordinator or Counselor meets with student and parents to discuss exit.
- Student and parents complete Withdrawal Form. Student must clear books, library, laptops, etc.
- Student meets with their home campus counselor to be placed in appropriate classes.
- Parents are responsible for all assessment restocking fees.

When International Baccalaureate Diploma Program or Middle Years Program students exit the IB DP or MYP Programme during a mid-grading period, semester, or year, students may encounter challenges in matching course work. Please speak to a counselor for more information.

Lamar Academy-Initiated Exit Procedures

Academic Performance:

9th – 12th grades:

- Any student who has a failing **first Semester average** between 65 - 69* in only **one** IB subject will be placed on academic probation for the second semester. Academic probation may include an individualized action plan, a Response to Intervention (RTI), and contact with a mentor.
- Any student who has a failing **first Semester average** below 65* in **any** IB subject will be exited from the IB Programme at Lamar Academy.
- Any student who has a failing **first Semester average** below 70* in **more than one** IB subject will be exited from the IB Programme at Lamar Academy.
- Any student who has a failing **yearly average** below 70* in **any** IB subject will be exited from the IB Programme at Lamar Academy.
- Any student who enters the program on a probationary status and has a failing first Semester average of 69 or below in any enrolled course and/or fails to meet the requirements of their probationary status that are provided in their program acceptance letter will be exited from the IB Programme at Lamar Academy.

***Note:** For purposes of average values, grades with a 0.5 or higher round to the next whole grade. Grades with a decimal lower than 0.5 do not round up to the next higher grade. Therefore, a 69.5 or higher rounds up to a 70, but a grade of 69.4 or below does not round up to a 70.

IB Assessments:

A student who fails to submit/complete any IB component or assessment that is a required part of the Middle Years or Diploma Program will not be allowed to continue in the IB Programme at Lamar Academy. This includes failure to meet any required deadline that is either internal or external. Similarly, a student who violates the Academic Integrity Procedures on one of the below Assessments will be dismissed from the IB Programme at Lamar Academy. This includes a violation on any component, draft, or submission of the assessment.

IB Assessments include:

- Personal Project (MYP)
- Community Service Requirements (MYP)
- Extended Essay (DP)
- CAS Requirements (DP)
- Internal Assessments (DP)
- Group 4 Project (DP)
- Theory of Knowledge (TOK) Essay and Presentation (DP)
- IB Examinations (DP)

Non-Completion of IB Programme Requirements:

Students in 9th-10th grade who fail to complete the Middle Years Programme (maintaining good academic standing in all IB courses, passing all MYP/IB Records of Achievement, completing AND passing the MYP Personal Project, completing MYP Service Requirements) may not continue on to the Diploma Programme (11th-12th grade). Non-completion of these requirements will result in student being exited from the IB Programme at Lamar Academy. Parents are responsible for all assessment restocking fees.

Students in the 11th-12th grade who fail to complete the Diploma Programme Requirements (maintaining good academic standing in all IB courses, completing IB Assessments, completing CAS Requirements, completing the Extended Essay) will become ineligible to earn the IB Diploma and will be exited from the IB Programme at Lamar Academy. Parents are responsible for all assessment restocking fees.

Violation of Academic Integrity Policy:

1st Offense: Student will be given a verbal and written reprimand (Discipline Referral) which will be placed in their IB student file as documentation of the violation. The assignment or test will be subject to grade penalties, and the teacher will contact the parent(s)/guardian(s) and provide documentation of this contact to administration. Disciplinary action commensurate with the reprimand, such as in-school suspension (ISS), may also be exercised. Students will be required to review the Academic Integrity Procedures with the IB Coordinator. If the violation is tied to a required IB assessment (*see above list) --whether it be a draft or final submission--the student will be automatically exited from the IB Programme at Lamar Academy.

2nd Offense: Student will be given a verbal and written reprimand (Discipline Referral) which will be placed in their IB student file as documentation of the violation. The assignment or test will be subject to grade penalties. Disciplinary action commensurate with the reprimand, such as in-school suspension (ISS), may also be exercised, and the teacher will contact the parent(s)/guardian(s) and provide documentation of this contact to administration. Parents and the student will meet with IB faculty and the student will be placed on Academic Probation with an academic contract. Failure to meet the requirements of the academic contract will result in the student being exited from the IB Programme at Lamar Academy. If the violation is tied to a required IB assessment (*see above list) --whether it be a draft or final submission--the student will be automatically exited from the IB Programme at Lamar Academy.

3rd Offense: Student will be given a verbal and written reprimand (Discipline Referral) which will be placed in their IB student file as documentation of the violation. The teacher will contact the parent(s)/guardian(s) and provide documentation of this contact to administration. Student will be exited from the IB Programme at Lamar Academy. Students dismissed for academic malpractice in the MYP will forfeit the opportunity to apply for the Diploma Program. Students dismissed for academic misconduct in the DP will forfeit the opportunity to take individual IB courses or earn the IB Diploma.

Note: A student with three offenses will be exited from the program regardless of whether the infractions occurred in the MYP, DP, or across both programs. Any student found promoting or sponsoring efforts to violate the Academic Integrity Procedures will be immediately removed from the IB Program.

Behavioral Misconduct:

- Students who commit three or more Level I or Level II infractions as defined by the McAllen ISD Student Code of Conduct Discipline Policies will be exited from the IB program at Lamar Academy. A student with three offenses will be exited from the program regardless of whether the infractions occurred in the MYP, DP, or across both programs. Infractions are cumulative over the four years.
- Students who commit one Level III, Level IV, or Level V infraction as defined by the McAllen ISD Student Code of Conduct Discipline Policies will be exited from the IB program at Lamar Academy.
- Students who commit a serious infraction that is deemed dangerous or malicious by the campus admissions/dismissal committee, IB Coordinator, and/or school administration will be exited from the IB program at Lamar Academy. (Examples of malicious intent include but are not limited to: cyberbullying, harassment of a student or teacher, racial comments in school or on social media accounts, making comments that are threatening or deemed terroristic, etc.)

Link to McAllen ISD's Student Code of Conduct:

English: [McAllen ISD Student Code of Conduct](#)

Spanish: [McAllen ISD Servicios De Apoyo Estudiantiles](#)

Attendance:

A student who consistently misses class due to repeated tardiness and/or absences may be lacking the required number of instructional hours/days for state or IB course requirements. Student cases of frequent tardiness and/or absenteeism will be reviewed, a parent meeting will be held, and recommendations for the student will be discussed to determine the best course of action and may result in dismissal of the student from the IB Programme.

Exit Decisions:

Exit decisions are made and recommended to the campus principal/head of school by the admissions committee. The decision of the campus principal/head of school is final. The principal/head of school has the right to make an immediate exit decision at his or her discretion based on the guidelines and procedures of the IB program, Lamar Academy, and/or McAllen ISD.

Arts, Athletics and IB:

- Students may participate in Fine Arts or Athletics at their McAllen ISD home campus while participating in the IB Programme at Lamar Academy. Students who participate will need to speak to the IB Counselor, Fine Arts and/or Athletics Staff, and Lamar Assistant Principal for scheduling. Participation in Athletics and Fine Arts and the IB Programme is dependent on scheduling and will need to be reviewed on a case-by-case basis.
- MYP and DP students may take Art and Theatre courses at IB Lamar Academy, or they may participate in Music (band, choir, and orchestra) at the home campus.
- MYP students may take Physical Education at IB Lamar Academy, or they may participate in Athletics (football, basketball, etc.) at the home campus.

Out of District Students and the IB Programme

Out of District entering 9th grade or 11th grade - requesting to attend the McAllen ISD IB Programme:

- Out of District Students, who enroll in the McAllen ISD IB Programme at Lamar Academy, will be assigned to attend the high school campus of lowest enrollment.
- The Student Support Services office will designate the high school campus of lowest enrollment yearly. Each year, out of district students must apply for a transfer.

Out of District Students and IB Programme and UIL Eligibility

- Out of District Middle School students who complete 365 days of continuous enrollment in the 8th grade at a campus that feeds 100% into a high school and enroll in the IB Programme will establish residency for varsity competition for that respective high school.
- Out of District Middle School students who complete 365 days of continuous enrollment in the 8th grade at a campus that does not feed 100 % into a high school and enroll in the IB Programme must complete 365 days of continuous enrollment before they are eligible for varsity competition at the high school declared to have the lowest enrollment.
- Out of District students who transfer into the District in the 9th grade or above and enroll in the IB Programme must complete 365 days of continuous enrollment before they are eligible for varsity competition at the high school declared to have the lowest enrollment.

Please contact McAllen ISD Athletic Director for details regarding U.I.L. Varsity Athletic Participation.

District Contact: Brian McClenny, McAllen ISD Athletic Director 956-618-6089.

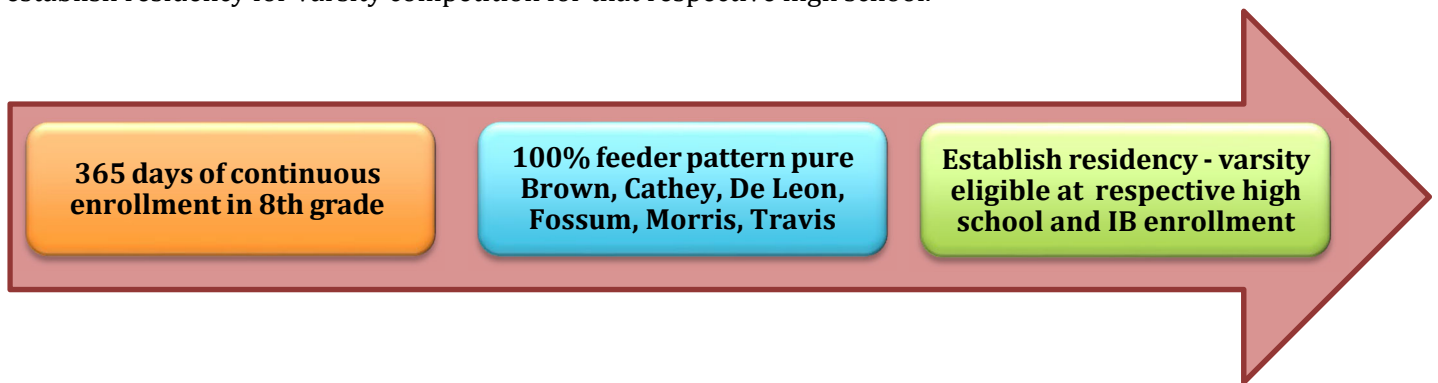


UIL Official Interpretation 2022-2024

Out of District Middle School Students & IB Programme at Lamar Academy Enrollment

A. **Out of District** Middle School students who complete 365 days of continuous enrollment in the 8th grade at a campus that feeds 100% into a high school and enroll in the IB program will establish residency for varsity competition for that respective high school.

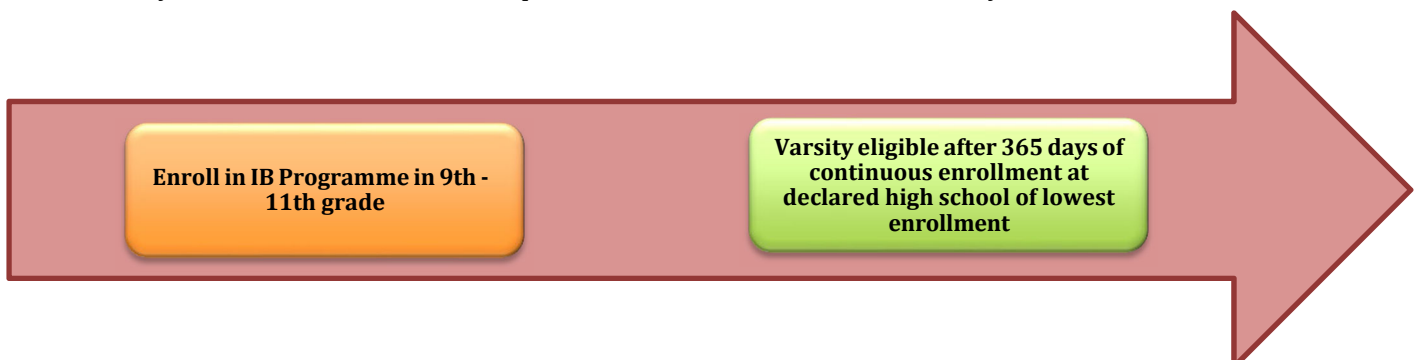
B. **In-District Transfers**, Middle School students who complete 365 days of continuous enrollment at the approved transfer school in the 8th grade at a campus that feeds 100% into a high school and attend IB will establish residency for varsity competition for that respective high school.



Out of District High School Students & IB Programme at Lamar Academy Enrollment

A. **Out of District** students who transfer into the district in the 9th grade or above and enroll in the IB program must complete 365 days of continuous enrollment at the high school declared to have the lowest enrollment (Nikki Rowe HS) before they are eligible for varsity competition.

B. **In-District Transfers**, residency may be established at a comprehensive high school (McHi, Memorial or Rowe) with 365 days of continuous enrollment, prior to enrollment at Lamar Academy IB.





Out of District Transfers & IB Programme at De Leon Middle School Enrollment

Out of district, Middle School students who complete 365 days of continuous enrollment in the 8th grade IB Programme at De Leon Middle School will establish residency for varsity competition at Nikki Rowe High School.

In District Transfers & IB Programme at De Leon Middle School Enrollment

In-district transfers, Middle School students who complete 365 days of continuous enrollment in the 8th grade IB Programme at De Leon Middle School will establish residency for varsity competition at Nikki Rowe High School or remain varsity eligible at their attendance zone. Once enrolled in their home high school, a student loses varsity eligibility at Rowe High School.

Ineligible IB Student for UIL Varsity Sports Participation

Out of District Transfers

- A. Did not establish residency as an 8th grader.
- B. Wants to participate at a high school other than the school of lowest enrollment. (Nikki Rowe).

In District Transfers

- A. If wanting to participate at a high school outside their attendance zone where residency was never established.

Please note:

Residency may be established at a comprehensive high school (McHi, Memorial or Rowe) with 365 days of continuous enrollment at comprehensive high school, prior to enrollment at Lamar Academy IB Diploma Program (11th and 12th grade).

Dual Credit / Dual Enrollment (College and High School Credit)

Dual Enrollment is a process by which a student is simultaneously enrolled in high school and a college/university and is working towards attaining college/university credit.

Credit earned through dual enrollment counts for both college and high school credit in a core content area or an elective and fulfills high school graduation requirements. To receive high school credit, the grade in the course must be a D or better. If all conditions are met, credit is given for the course and may be used to determine grade point average (GPA). See Board Policy **Academic Achievement - Class Ranking - EIC Local Policy for details on calculating GPA**.

McAllen ISD has collaborated with the following Dual Credit/Dual Enrollment Programs to offer a variety of Dual Credit and Dual Enrollment Opportunities:

- [South Texas College](#) courses available on the High School campuses, taught by McAllen ISD teachers. These offerings may change from year to year as enrollment and staff changes. Associate Degree Programs are available at Achieve Early College High School and through the Dual Enrollment Academies.
- [OnRamps](#) courses are available at McAllen High School, Memorial High School and James “Nikki” Rowe High School
- [University of Texas – Rio Grande Valley](#) - courses available only at UTRGV
- [University of Texas RGV Collegiate Academy](#) – courses available at UTRGV McAllen Academic Campus (beginning Fall 2024)

Students interested in Dual Enrollment should schedule a meeting with their high school academic counselor to initiate the process. Students may also pick up information at the College Center and visit with the Lead Academic Counselor.

Prospective dual credit students must:

- (1) Demonstrate college readiness as indicated by the [Texas Success Initiative \(TSI\)](#) or other approved testing instruments. Specific eligibility requirement for college readiness can be viewed at the Texas Higher Education Agency Coordinating Board – Texas Success Initiative. (UTRGV and STC)
- (2) Meet the entrance requirements for the college/university (UTRGV and STC)
- (3) Understand that the final dual enrollment semester grade will be reflected on both their high school and college transcript.
- (4) Students are exempt from meeting above test pre-requisites for Career Technical Education courses at STC.
- (5) Seek counseling and guidance from their academic high school counselor to ensure students understand all aspects of being a dual enrollment/college student.

High school campuses will request numerical grades from STC Academy and UTRGV Collegiate Academy programs for students’ college grades each semester. Numerical grades will be transcribed when available. If numerical grades are not available or if a grade conversion table is not included on a transcript, letter grades shall be converted to numerical grades using the following scale:

A+ = 99	B+ = 89	C+ = 79	D+ = 74	F = 69
A = 95	B = 85	C = 77	D = 72	
A- = 90	B- = 80	C- = 75	D- = 70	

Limitation on the number of credit hours a student may enroll in through South Texas College Board Policy #3232:

- Dual credit students may not enroll in college courses until the spring of their 9th grade year in high school and may only take two (2) courses for that semester. McAllen ISD highly recommends students not enroll in dual courses until their 10th grade year. Thereafter, all 10th graders will be limited to two (2) courses per semester, and 11th and 12th graders should not exceed sixteen (16) credit hours per semester. Summer session is limited to two (2) dual credit courses for Summer I and two (2) dual credit courses for Summer II.
- Exceptions to this requirement may be made for high school seniors and exceptional students. A student may formally request an increase in registered hours by completing and submitting a Course Overload Form to the Dual2Degree or Early College High School Department. Requests shall be reviewed and approved by STC staff.

(The exceptions guidance is in alignment with HB 505, which prohibits limitation on the number of dual credit courses or hours in which a student may enroll each semester.)

- Dual credit students shall be limited to courses within their declared major and corresponding degree plan.
- The first dual enrollment course taken by a student must be in person.

Students who independently enroll at South Texas College and/or University of Texas Rio Grande Valley must meet with his or her academic counselor. Please note that the number of off periods will be determined upon an evaluation of the student's college schedule and upon the approval of the principal.

University of Texas Rio Grande Valley - High School to University Program (Dual Enrollment)

College or University Dual Enrollment is a process by which a student is simultaneously enrolled in high school and a college/university and is working towards attaining college/university credit. McAllen Independent School District working with the University of Texas Rio Grande Valley offers opportunities for McAllen ISD students to participate in dual enrollment. McAllen ISD has a contract with the University of Texas Rio Grande Valley that enables McAllen ISD secondary students to participate in the University's High School to University Program. This program permits high school students to enroll in a college course at UTRGV to earn college credit. Students should schedule a meeting with their high school academic counselor to discuss dual enrollment options and procedures.



South Texas College at McAllen ISD

McAllen ISD offers college credit hours on each of its high school campuses taught by McAllen ISD staff partnering with STC. The program is called Dual Enrollment at the High School, which allows students to take STC classes on campus during their junior and senior year of high school. Courses in the Dual Enrollment High School Program may include ENGL 1301, ENGL 1302, ENGL 2341, ENG 2321, BIOL 1406, BIOL 1407, HIST 1301, HIST 1302, GOVT 2305, GOVT 2306, ECON 2301, SPCH 1311, MATH 1414, MATH 2413, MUSI 1306, SGNL 1301. Each high school campus Dual Enrollment Program will vary depending upon student interest and instructor availability. The courses that are currently approved for dual credit with South Texas College are included in this bulletin on a separate page. This list is subject to change. Students should check with their counselors for the most recent list of approved courses. **The Deadline to register for courses for Fall of 2024 is August 9, 2024. Consult with your academic counselor and high school lead counselor for more information.**

Students may also attend South Texas College free of charge for additional course options after school, online, or in the summer. **Books, transportation and other supplies are the responsibility of the student.**

South Texas College Core Curriculum

<https://catalog.southtexascollege.edu/curriculum/core-curriculum/>

South Texas College Dual Enrollment Academies through the High School

South Texas College offers a unique opportunity for high achieving high school juniors to earn an associate degree from STC while they complete their high school graduation requirements. The Dual Enrollment Academies are two-year programs for high school juniors who are interested in earning an associate degree at South Texas College during their junior and senior year at high school.

Dual Enrollment Academies are designed to allow students to take high school courses in the morning and dual credit college courses in the afternoon at South Texas College.

McAllen ISD provides the tuition, college textbooks, lab fees, and school bus transportation from the high school to STC Pecan Campus for Academy Students.

For more information, please contact your home campus academic Lead Counselor – McAllen ISD Dual Enrollment Advisor for more information or visit the [STC Getting Started on your Future!](#) website.

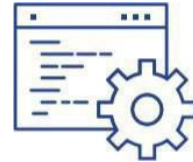
Applications are available online to the following STC academies, the application deadline is March 25, 2024.



DUAL ENROLLMENT MEDICAL SCIENCE ACADEMY (DEMSA)

DEMSA is a two-year-round dual enrollment program developed for high school juniors and seniors who are seriously interested in pursuing a career in health care. The purpose of the program is to prepare students for higher education in the field of medicine while completing an Associate of Science degree by the end of their high school senior year.

DUAL ENROLLMENT ENGINEERING ACADEMY (DEEA)



DEEA is a two-year-round dual enrollment program developed for high school juniors and seniors who are seriously interested in pursuing a career in engineering. The purpose of the program is to encourage students into the engineering profession and prepare students for higher education in the field of math and science while completing an Associate of Science degree in Engineering by the end of their high school senior year.



DUAL ENROLLMENT CRIMINAL JUSTICE ACADEMY (DECJA)

DECJA is a two-year-round dual enrollment program developed for high school juniors and seniors who are seriously interested in pursuing a career in criminal justice. This program will prepare students for higher education in the field of criminal justice while completing an Associate of Arts degree in criminal justice by the end of their high school senior year.

DUAL ENROLLMENT BUSINESS ADMINISTRATION ACADEMY (DEBAA)



DEBAA is a two-year-round dual enrollment program developed for high school juniors and seniors who are seriously interested in pursuing a career in Business Administration. The program prepares students for higher education in the field of business while completing an Associate of Arts degree in Business Administration by the end of their senior year in high school.

Dual Language Program at Achieve Early College High School

Achieve Early College High School (AECHS) offers a Dual Language Program for students who have participated in the Dual Language Program through Elementary and Middle School. Students who participate in the Dual Language Program become bilingual, biliterate, and bicultural. This is a four-year bilingual program in which students take two courses per academic year in Spanish (the partner language), a Spanish course and a core content area course. Students will receive a McAllen ISD Dual Language Program Certificate of Completion and a Dual Language Program emblem on their AECHS stole after completion of the program. Students will take the courses listed below while participating in the Dual Language Program at AECHS.

9th Grade	10th Grade	11th Grade	12th Grade
Biology Pre-AP	Chemistry Pre-AP (partner language)	Physics	Advanced Science
World Geography CP (partner language)	AP World History	US History (Dual) 1301 Semester 1 1302 Semester 2	Government 2305 (Dual) Federal Government Economics (High School) (partner language)
AP Spanish Language and Culture	SPAN 2313 (Dual) Semester 1 Cine y Cultura (Seminar in LOTE), Advanced Semester 2	SPAN 2315 (Dual)* Semester 1 Cine y Cultura (Seminar in LOTE), Advanced Semester 2	AP Spanish Literature and Culture
English I Pre-AP	English II Pre-AP	English III Dual 1301 Semester 1 1302 Semester 2	English IV
Math as appropriate	Math as appropriate	Math as appropriate	Math as appropriate
Transition BIM I	PREP BIM II	Yearbook (partner language)	STC Course
PE	EDUC 1300 Semester 1 ART 1301 & SOCI 1301 Semester 2	STC Field of Study	STC Course

*Students will have to have declared a Major of Interdisciplinary Studies in order to take this class. Students may change their major after this course is completed if they have enough room in their schedule to complete coursework for a different Major.

South Texas College and McAllen ISD Crosswalk of Courses

Approved For McAllen ISD Credit

2024-2025

1. Students may take classes at STC or take classes at the high school that are also dual enrollment/dual credit courses. Students may earn the college credit at STC and have the course transcribed onto the High School transcript.

Students should not enroll in courses, Core Curriculum or otherwise, without consulting with a trained academic advisor or counselor at the appropriate institution.

2. Students must get prior permission from their academic counselor prior to enrolling in courses at STC. Please review the [Core Curriculum](#) pages at STC for more information.

3. Tuition is free of charge, students are responsible for textbooks (with the exception of the Academies) and parking fees. All coursework submitted for credit, will be validated by the campus administrative validation committee and posted for high school credit.

4. Classes taken in the summer or online during the school year may not be included in McAllen ISD weighted average. Reference EIC(Local) for more information on Dual Credit and Class Ranking.

Updated January 2024

Discipline	South Texas College			McAllen ISD			
	Course Numbers	STC Course Title	College Hours	HS Course Title	FHSP Courses	Credit	PEIMS Service ID
Composition/ Written Communication 2 courses 6 credit hours	ENGL 1301	Composition	3	English 3 Semester 1 OR English 3 AP Language if taken on campus	Core	0.5	03220300 OR A3220100
	ENGL 1301	Composition	3	English 4 Semester 1 if AP English Language taken and score of 1 or 2	Core	0.5	03220400
	ENGL 1302	Composition II – Rhetoric	3	English 3 Semester 2 OR English 3 AP Language if taken on campus	Core	0.5	03220300 OR A3220100
	ENGL 1302	Composition II – Rhetoric	3	English 4 Semester 2 if AP English Language taken and score of 1 or 2	Core	0.5	03220400
Mathematics 3 courses 4 credit hours	MATH 1414	College Algebra	4	Precalculus Semester 1 or Algebra II (Full Year)	Core	0.5 Or 1	03101100 OR 03100600
	MATH 1442	Elementary Statistical Methods	4	Statistics Semester 2	Core	0.5	03102530
	MATH 2412	Precalculus	4	Precalculus Semester 2	Core	0.5	03101100
	MATH 2413	Calculus I	4	Independent Study in Math 1 st time taken Semester 1 OR AP Calculus AB Semester 2 (year-long course Semester 2)	Core	0.5	03102500 OR A3100101
	MATH 1324	Math for Business & Social Sciences	3	Algebra II Semester 1 OR Independent Study in Mathematics Semester 1 (if student already has Algebra II credit)	Core	0.5	03100600 OR 03102500

Life and Physical Sciences 8 credit hours	BIOL 1406	Biology for Science Majors I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	BIOL 1407	Biology for Science Majors II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	BIOL 1408	Biology for Non-Science Majors I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	BIOL 1409	Biology for Non-Science Majors II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	BIOL 2401	Anatomy and Physiology I	4	Anatomy and Physiology Semester 1	Core	0.5	13020600
	BIOL 2402	Anatomy and Physiology II	4	Anatomy and Physiology Semester 2	Core	0.5	13020600
	BIOL 2421	Microbiology for Science Majors	4	Medical Microbiology	Core	0.5	13020700
	CHEM 1405	Introductory Chemistry I for Non-Science Majors	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	CHEM 1407	Introductory Chemistry II for Non-Science Majors	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	CHEM 1409	General Chemistry for Engineering Majors	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	CHEM 1411	General Chemistry I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	CHEM 1412	General Chemistry II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	PHYS 1401	College Physics I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	PHYS 1402	College Physics II	4	Specialized Topics in Science Semester 2	Core	0.5	03060333
	PHYS 1403	Stars & Galaxies	4	Astronomy Semester 1	Core	0.5	03060100
	PHYS 1404	Solar System	4	Astronomy Semester 2	Core	0.5	03060100
	PHYS 2425	University Physics I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	PHYS 2426	University Physics II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	PHYS 1415	Physical Science I	4	Earth and Space Science Semester 1	Core	0.5	03060200
	PHYS 1417	Physical Science II	4	Earth and Space Science Semester 2	Core	0.5	03060200
	GEOL 1403	Physical Geology	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	GEOL 1404	Historical Geology	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	GEOL 1445	Oceanography	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	GEOL 1447	Meteorology	4	Specialized Topics in Science Semester 2	Core	0.5	03060300

Language, Philosophy, and Culture 1 course 3 credit hours	ART 1304	Art History II	3	Art 4 Semester 1	Elective	0.5	03500300
	ENGL 2321	British Literature	3	English 4 Semester 1 OR Independent Study in English Semester 2	Core	0.5	03220400 OR 03221800
	ENGL 2326	American Literature	3	English 4 Semester 2 OR Independent Study in English Semester 2	Core	0.5	03220400 OR 03221800
	ENGL 2331	World Literature	3	English 4 Semester 1 OR Independent Study in English Semester 1	Core	0.5	03220400 OR 03221820
	ENGL 2341	Introduction to Forms of Literature	3	English 4 Semester 2 OR Literary Genres	Core	0.5	03220400 OR 03221500
	HUMA 1301	Introduction to Humanities I - Western	3	Humanities 1st time taken	Elective	0.5	03221600
	HUMA 1305	Introduction to Mexican - American Studies	3	Mexican American Studies (History)	Core	0.5	03380084
	MUSI 1307	Music Literature	3	Music Appreciation I	Elective	1	03155600
	PHIL 1301	Introduction to Philosophy	3	Social Studies Advanced Studies 1 st - 4 th Time Taken	Elective	0.5	03380001, 03380021, 03380031, 03380041
	PHIL 2303	Introduction to Logic	3	Social Studies Advanced Studies 1 st - 4 th Time Taken	Elective	0.5	03380001, 03380021, 03380031, 03380041
	PHIL 2306	Introduction to Ethics	3	Social Studies Advanced Studies 1 st - 4 th Time Taken	Elective	0.5	03380001, 03380021, 03380031, 03380041
	PHIL 2307	Introduction to Social and Political Philosophy	3	Social Studies Advanced Studies 1 st - 4 th Time Taken	Elective	0.5	03380001, 03380021, 03380031, 03380041
	PHIL 2321	Philosophy of Religion	3	Social Studies Advanced Studies 1 st - 4 th Time Taken	Elective	0.5	03380001, 03380021, 03380031, 03380041
	SGNL 2301	Intermediate American Sign Language I	3	LOTE Level III – American Sign Language	LOTE	1	03980300
	SPAN 2313	Spanish for Native/ Heritage Speakers I	3	LOTE Level III - Spanish for Spanish Speakers OR AP Spanish Lang	LOTE	1	03440330 OR A3440100

	SPAN 2315	Spanish for Native/ Heritage Speakers II	3	LOTE Level IV - Spanish for Spanish Speakers OR AP Spanish Lit	LOTE	1	03440440 OR A3440200
	ENGL 2311	Technical and Business Writing	3	Research/Technical Writing	Core	0.5	03221100
	ENGL 2341	Introduction to Forms of Literature	3	English 4 OR Literary Genres	Core	0.5	03220400 OR 03221500
Creative Arts 3 credit hours	ARTS 1301	Art Appreciation	3	Art I, Art Appreciation	Fine Arts	1	03500110
	DRAM 1310	Theater Appreciation	3	Technical Theatre I OR Theater Art I	Fine Arts	1	03250500 OR 03250100
	MUSI 1306	Music Appreciation	3	Music Appreciation I	Fine Arts	1	03155600
American History 6 credit hours	HIST 1301	United States History I	3	U.S. History Semester 1	Core	0.5	03340100
	HIST 1302	United States History II	3	U.S. History Semester 2	Core	0.5	03340100
	HIST 2327	Mexican American History I	3	Ethnic Studies: Mexican American Studies Semester 1	Core	0.5	03380084
	HIST 2328	Mexican American History II	3	Ethnic Studies: Mexican American Studies Semester 2	Core	0.5	03380084
	HIST 2381	African American History I	3	Ethnic Studies: African American Studies Semester 1	Core	0.5	03380085
	HIST 2382	African American History II	3	Ethnic Studies: African American Studies Semester 2	Core	0.5	03380085
Political Science 6 credit hours	GOVT 2305	Federal Government	3	United States Government	Core	0.5	03330100
	GOVT 2306	Texas Government	3	Special Topics – Social Studies 1st time taken	Core	0.5	03380002
Social and Behavioral Science 3 credit hours	CRIJ 1301	Introduction to Criminal Justice	3	Principles of Law, Public Safety, Corrections, and Security Semester 1	Elective	0.5	13029200
	CRIJ 1310	Fundamentals of Criminal Law	3	Principles of Law, Public Safety, Corrections, and Security Semester 2	Elective	0.5	13029200
	CRIJ 2313	Correctional Systems and Practices	3	Correctional Services Semester 1	Elective	0.5	13029700
	CRIJ 2328	Police Systems and Practices	3	Correctional Services Semester 2	Elective	0.5	13029700
	ECON 2301	Principles of Economics I- Macro	3	Economics, Free Enterprise System OR AP Macroeconomics	Core	0.5	03310300 OR A3310200

	HIST 2321	World Civilization I	3	Social Studies Advanced Studies 1 st – 4 th Time Taken	Core	0.5	03380001, 03380021, 03380031, 03380041
	HIST 2322	World Civilization II	3	Social Studies Advanced Studies 1 st – 4 th Time Taken	Core	0.5	03380001, 03380021, 03380031, 03380041
	PSYC 2301	General Psychology	3	Psychology	Elective	0.5	03350100
	SOCI 1301	Introductory Sociology	3	Sociology	Elective	0.5	03370100
Component Area Option 3 1 course 3-4 credit hours	BIOL 1322	Nutrition & Diet Therapy I	3	Food Science Semester 2	Core	0.5	13023000
	BIOL 2421	Microbiology for Science Majors	4	Medical Microbiology	Core	0.5	13020700
	CHEM 2423	Organic Chemistry	4	Scientific Research & Design (I or II) Semester 1	Core	0.5	13037200 OR 13037210
	COSC 1301	Introduction to Computing	3	Fundamentals of Computer Science OR Computer Science I (Lamar)	Elective	1	03580140 OR 03580200 (Lamar)
	COSC 1436	Programing of Fundamentals I	4	Computer Science I	Elective	1	03580200
	COSC 1337	Programing of Fundamentals II	3	Computer Science II	Elective	1	03580300
	COSC 2436	Programing Fundamentals III	4	Computer Science III	Elective	1	03580350
	ENGR 1201	Intro to Engineering	2	Scientific Research & Design	Elective	0.5	13037220
	ENGR 1304	Engineering Graphics I	3	Engineering Design & Presentation II	Elective	0.5	13036600
	ENGR 2301	Engineering Mechanics - Statics	3	Engineering Math	Elective	0.5	13036700
	ENGR 2302	Engineering Mechanics - Dynamics	3	Engineering Design & Problem Solving	Elective	0.5	13037300
	ENGR 2405	Electrical Circuits I	4	AC/DC Electronics	Elective	1	13036800
	SPCH 1311	Intro to Speech Communication	3	Communication Applications	Elective	0.5	03241400
	SPCH 1315	Public Speaking	3	Public Speaking I	Elective	0.5	03240900
Non-Core Classes for High School Credit for Students enrolled in Achieve Early College High School and Dual Enrollment	BUSI 2305	Business Statistics	3	Statistics Semester 2	Core	0.5	03102530
	COSC 1315	Fundamentals of Programming	3	Business Information Management I	Elective	1	13011400
	CRIJ 1306	Court Systems and Practice	3	Court Systems & Practices Semester 1	Elective	0.5	13029600
	CRIJ 1313	Juvenile Justice System	3	Court Systems & Practices Semester 2	Elective	0.5	13029600

Academies	EDUC 1301	Intro to the Teaching Profession	3	Instructional Practices Semester 1	Elective	0.5	13014400
	EDUC 2301	Intro to Special Populations	3	Instructional Practices Semester 2	Elective	0.5	13014400
	ENGL 2307	Creative Writing I	3	Creative Writing Semester 1	Core	0.5	03221200
	ENGL 2308	Creative Writing II	3	Creative Writing Semester 2	Core	0.5	03221200
	GEOL 1403	Physical Geology	4	Earth and Space Science Semester 1 OR Scientific Research & Design	Core	0.5	03060200 OR 13037220
	MATH 1350	Mathematics for Teachers I	3	Independent Studies in Mathematics Semester 1	Core	0.5	03102500
	MATH 1351	Mathematics for Teachers II	3	Independent Studies in Mathematics Semester 2	Core	0.5	03102500
	MATH 2414	Calculus II	4	Independent Study in Mathematics Semester 2	Core	0.5	03102500
	MATH 2415	Calculus III	4	Independent Study in Mathematics Semester 1 (2nd time taken)	Core	0.5	03102501
	SGNL 1301	Beginning American Sign Language I	3	LOTE Level I- American Sign Language	LOTE	1	03980100
	SGNL 1302	Beginning American Sign Language II	3	LOTE Level II- American Sign Language	LOTE	1	03440200
	SPAN 1411	Spanish I Mono	4	LOTE Level I - Spanish	LOTE	1	03440100
	SPAN 1412	Spanish II Mono	4	LOTE Level II - Spanish	LOTE	1	03440200
	SPAN 2389	Academic Cooperative	3	Spanish IV Semester 2	LOTE	0.5	03440440
Non-Core Classes for CTE Credit	BUSI 1301	Business Principles	3	Entrepreneurship Semester 1	Elective	0.5	13034400
	BUSG 2309	Small Business Management/ Entrepreneurship	3	Entrepreneurship Semester 2	Elective	0.5	13034400
	BCIS 1305	Business Computer Applications	3	Business Information Management I	Elective	0.5	13011410
	BMGT 1305	Communications in Management	3	Business Management Semester 1	Elective	0.5	13012100
	BMGT 2303	Problem Solving and Decision Making	3	Business Management Semester 2	Elective	0.5	13012100

	COSC 1315	Introduction to Computer Programming	3	Fundamentals of Computer Science Semester 1	Elective	0.5	03580140
	ITSC 1409	Integrated Software Applications I	4	Project Based Learning Semester 1 OR Graphic Design and Illustration II Semester 1	Elective	0.5	12701500 OR 13008900
	ITSC 1411	Beginning Web Page Programming	4	Graphic Design and Illustration II Semester 2	Elective	0.5	13008900
	IMED 1445	Interactive Digital Media I	4	Practicum in Graphic Design and Illustration Semester 1	Elective	0.5	13009000
	ITSW 2434	Advanced Spreadsheets	4	Project Based Learning Semester 2	Elective	0.5	12701500
	ITSE 2409	Database Programming	4	Mobile Applications Semester 1	Elective	0.5	03580390
	ARTC 1413	Digital Publishing I	4	Mobile Applications Semester 2 OR Practicum in Graphic Design and Illustration Semester 2	Elective	0.5	03580390 OR 13009000
	ECON 2302	Principles of Economics II – Micro	3	Economics Advanced Studies	Elective	0.5	03310301
	ACNT 1303	Introduction to Accounting I	3	Accounting I Semester 1	Elective	0.5	13016600
	ACNT 1304	Introduction to Accounting II	3	Accounting I Semester 2	Elective	0.5	13016600
	ACCT 2301	Principles of Financial Accounting	4	Accounting I	Elective	1	13016600
	ACCT 2302	Principles of Managerial Accounting	4	Accounting II	Elective	1	13016700
	MRKG 1301	Customer Relationship Management	3	Career Preparation in Marketing Semester 1	Elective	0.5	12701305
	MRKG 1311	Principles of Marketing	3	Career Preparation in Marketing Semester 2	Elective	0.5	12701305
	HART 1401	Basic Electricity for HVAC	4	Principles of Construction Semester 1	Elective	1	13004220
	HART 1410	HVAC Shop Practices and Tools	4	Principles of Construction Semester 2	Elective	1	13004220
	HART 1407	Refrigeration Principles	4	Heating, Ventilation, and Air Conditioning I Semester 1	Elective	1	13005800
	HART 2445	Residential Air Conditioning Systems Design	4	Heating, Ventilation, and Air Conditioning I Semester 2	Elective	1	13005800

	HART 1445/ 2431	Gas and Electrical Heating & Advanced Electricity for HVAC	8	Heating, Ventilation, and Air Conditioning II Semester 1	Elective	1	13005900
	HART 2438/ 2441	Capstone: Air Conditioning Installation and Startup & Commercial Air Conditioning	8	Heating, Ventilation, and Air Conditioning II Semester 2	Elective	1	13005900
	WLDG 1327/ 1428	Introduction to Layout and Fabrication & Introduction to Shielded Metal Arc Welding	7	Welding I Semester 1	Elective	1	13032300
	WLDG 1317/ 1430	Introduction to Layout and Fabrication & Introduction to Gas Metal Arc Welding	7	Welding I Semester 2	Elective	1	13032300
	WLDG 1457/ 1312	Intermediate Shielded Metal Arc Welding & Introduction to Flux Cored Arc Welding	7	Welding II Semester 1	Elective	1	13032400
	WLDG 1453/ 1434	Intermediate Layout and Fabrication & Introduction to Gas Tungsten Arc Welding	8	Welding II Semester 2	Elective	1	13032400
	AUMT 1407	Automotive Electrical Systems	4	Automotive Technology I Semester 1	Elective	1	13039600
	AUMT 1416	Automotive Suspension and Steering Systems	4	Automotive Technology I Semester 2	Elective	1	13039600
	AUMT 1410/ 1266	Automotive Brake Systems & Practicum I	6	Automotive Technology II Semester 1	Elective	1	13039700
	AUMT 1345/ 1266	Automotive Climate Control Systems & Practicum I	5	Automotive Technology II Semester 2	Elective	1	13039700



University of Texas Rio Grande Valley – Dual Credit Program (Dual Enrollment)

College or University Dual Enrollment is a process by which a student is simultaneously enrolled in high school and a college/university and is working towards attaining college/university credit. McAllen Independent School District working with the University of Texas Rio Grande Valley offers opportunities for McAllen ISD students to participate in dual enrollment. McAllen ISD has a contract with the University of Texas Rio Grande Valley that enables McAllen ISD secondary students to participate in the University's Dual Credit Program. This program permits high school students to enroll in a college course at UTRGV to earn college credit. Students must schedule a meeting with their high school academic counselor to discuss Dual Enrollment options and procedures. Courses taken through dual enrollment may be eligible to receive high school credit. See the McAllen ISD Transfer Students and Ranking Policy for more information.

Dual Credit Students typically meet one of the following requirements:

- Ranked in the Top 20% of their class
- Have an 85 GPA or higher
- Achieve an ACT Composite of 20 or higher
- Achieve an SAT Total of 1110 (EBRW & MATH combined) or higher
- Achieve a PSAT Section Score of 460 (EBRW) and 510 (MATH) or higher
- Achieve a PLAN Composite of 23 or higher

UTRGV Core Curriculum

<https://www.utrgv.edu/advising/one-stop-shop/understand-your-educational-core/index.htm>

UTRGV Dual Enrollment Program Information

The purpose of the UTRGV Dual Credit Program is to provide academically talented high school juniors and seniors with an opportunity to acquire university course credit and introduce them to the "Total University Experience" while still attending high school.

ADMISSIONS CRITERIA

[To enroll as a dual credit student at UT-Rio Grande Valley](#), a student must meet the following admissions criteria:

- Be classified as a Junior or Senior in high school
- Graduating under the Foundation w/ Endorsement or Distinguished Plan
- Meet one of the following McAllen ISD requirements:
 - Ranked top 10% OR
 - Have a 90 GPA or higher OR
 - Composite score of ACT-22 or SAT-1030 (CR&M)

Application Process

1. Apply at <https://goapplytexas.org/> for: Summer/Fall 2024 (UTRGV Fall 2024 Registration Deadline is May 1, 2024)

After applying you will receive a letter/email instruction on how to activate your Vaquero Email Account.

***Note:** On Apply Texas, select Four-year, select UTRGV-Edinburg, select Dual Credit application type. Answer only questions marked as required. An Application ID number will appear once you submit the application, save the number!

2. Submit DC Authorization Form (with 3 signatures)
3. Submit Official HS Transcript (with ranking, GPA, graduation plan type, & graduation date)
4. Submit placement scores (ex. TSI Assessment)
5. Submit Proof of Bacterial Meningitis vaccination (must be current 10 days prior to 1st class day)

TEXAS SUCCESS INITIATIVE

In compliance with Texas Success Initiative (TSI) requirements, you must either take a state approved assessment or be exempt from TSI prior to attending advisement and enrolling in any college-level coursework. This requirement is for placement purposes and is not used in the admission decision. Scores for ELAR and Math must be submitted, even if a score is not passing. [TSI Assessment Free Web- Based Study App](#)

No Tuition Cost!

Thanks to the Dual Credit Agreement between McAllen ISD and UTRGV, students can take advantage of college education at no cost to participating students! There will be no tuition charged for these courses. Textbooks, transportation, lab fees, parking permits, id cards, supplies are the responsibility of the student.

UTRGV Admissions and Recruitment

Contact: Rose Pulido, UTRGV Dual Credit Program Coordinator

Email: rose.pulido01@utrgv.edu

Phone: 956-882-7732



UTRGV-McAllen ISD Collegiate Academy

The UTRGV-McAllen ISD Collegiate Academy will be a state-of-the-art facility that will provide McAllen ISD students with a unique dual enrollment option. University dual enrollment is a process in which a student is simultaneously enrolled in high school and a college/university and works towards earning a high school diploma while also working towards attaining university credit. With the UTRGV-McAllen ISD Collegiate Academy, students will be enrolled in their comprehensive high school (McAllen High, Memorial, Rowe) and attend classes during 11th and 12th grade at the Collegiate Academy where they will take dual courses face-to-face with UTRGV professors. The main goal is to get students core complete (48 college hours) and exposure to one of the four pathways they select by the time they graduate from high school.

Educational Pathways:

University Core
Education
Health Science
Computer Science
Engineering

No Cost Tuition

Collegiate Academy Recruitment Procedures

- Students must submit an application.
 - 2 references
 - 100–200-word essay
- Other factors taken into consideration during selection process
 - Attendance
 - Grades
 - Advanced courses
 - Discipline history
 - PSAT score
- Possible Interview

Eligibility to Participate/UTRGV Enrollment Requirements

- During 9th and 10th grade students must be enrolled in Pre-ap or higher course for all 4 core classes (English, Math, Science, Social Studies)
- Must maintain an 80 or higher in all core classes by the end of each semester.
- Must be TSI complete by the end of 10th grade year.

UTRGV Enrollment Requirements

Students who are admitted to this program and to UTRGV as part of this program will be held to the same academic standards as all other UTRGV students, including those associated with academic probation and suspension.

Academic Standing: Undergraduate students are expected to meet certain minimal academic standards in work completed in postsecondary education. Students who fail to maintain these minimum standards will be placed on

academic probation or academic suspension, as appropriate. In determining whether a student will be placed on academic probation or suspension, all grades earned by the student will be included in the computation of the GPA.

If a student has attempted a course more than once, only the last grade is calculated into the GPA, regardless of whether the most recent grade is higher or lower than previously earned grades.

Academic Probation and Suspension Policies: The Academic Probation and Suspension Policy for undergraduate students at The University of Texas Rio Grande Valley is as follows:

- Academic probation or suspension will be determined each regular (Fall or Spring) semester based on the student's current semester and total Grade Point Average (GPA).
- An undergraduate student will be placed on academic probation when his/her total GPA falls below 2.0.
- An undergraduate student will be placed on academic suspension for one regular semester whenever the student enters a semester on academic probation and does not remove him/herself from academic probation (achieve a total GPA higher than 2.0). The student will continue probation if the student's current semester GPA is 2.0 or above for a Fall or Spring semester.
- For more information, visit: <https://utrgv.smartcatalogiq.com/en/2022-2023/student-policies/academic-policies-and-procedures/academic-standing-and-probation/undergraduate-student-standing-and-probation/>.

UTRGV Application Process

Students who attend the UTRGV-McAllen ISD Collegiate Academy will begin UTRGV's admissions application process in Fall of Sophomore year for possible admission to the institution beginning in the Fall of Junior year:

1. Submit an application for admission through Apply Texas
2. Submit a Dual Credit Authorization Form
3. Submit a high school transcript
4. Submit all college transcripts (if applicable)
5. Submit college readiness exam scores (e.g., Texas Success Initiative 2.0)
6. Submit proof of immunization for bacterial meningitis or a recognized affidavit

UTRGV and McAllen ISD are committed to working together to facilitate the admissions process. Deadline to apply to the UTRGV Collegiate Academy is February 18, 2024.

Exit Criteria

- A student, parent, counselor or campus director can initiate the exit from UTRGV-McAllen ISD Collegiate Academy.
- Director and counselor will meet with student and parent(s) to discuss exit.
- Student and parent meet with home campus counselor to be placed in appropriate classes.

Academic Integrity/Dishonesty

- A. Academic Integrity: Every student at UTRGV is expected to exercise independent thought and expression as he or she strives for academic achievement. Incorporated in the quest for intellectual growth are the expectations of honesty, originality in written and oral expression, a respect for the exchange of ideas, and acknowledgement and recognition of the abilities and contributions of others. The following information is provided as a guide to assist students with a variety of academic integrity issues.
(<https://www.utrgv.edu/srr/students/academic-integrity/index.htm>)
- B. Academic Dishonesty: Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, facilitating academic dishonesty, fabrication, failure to contribute to a collaborative project, and sabotage.
(<https://www.utrgv.edu/srr/students/academic-dishonesty/index.htm>)

UTRGV Collegiate Academy Core Curriculum Course Options

University of Texas - Rio Grande Valley and McAllen ISD Crosswalk of Courses Approved For McAllen ISD Credit 2024-2025							
How UTRGV Dual Credit Works							
1. Students must be accepted to UTRGV Collegiate Academy before taking courses. Students may earn the college credit at UTRGV and have the course transcribed onto the UTRGV transcript. Students must then present the college transcript to the counselor and registrar to receive high school credit. Each institution's Core Curriculum applies to all academic degrees. Students should not enroll in courses, Core Curriculum or otherwise, without consulting with a trained academic advisor or counselor at the appropriate institution.							
2. Students must apply and be accepted to UTRGV Collegiate Academy prior to enrolling in courses at UTRGV. Please review the Core Curriculum pages at UTRGV for more information.							
3. Tuition is free of charge; students are responsible for textbooks and parking fees. All coursework submitted for credit, will be validated by the campus administrative validation committee and posted for high school credit. Courses taken at UTRGV during the summer or online are not included in the McAllen ISD weighted average.							
Updated January 2024							
Discipline	UTRGV Core			McAllen ISD			
	Course Numbers	UTRGV Course Title	College Hours	HS Course Title	FSHP Courses	Credit	PEIMS Service ID
Communication 2 courses 6 hours	ENGL 1301	Rhetoric and Composition I	3	English 3 Semester 1	Core	0.5	03220300
	ENGL 1302	Rhetoric and Composition II	3	English 3 Semester 2	Core	0.5	03220300
	ENGL 1301	Rhetoric and Composition I	3	English 4 Semester 1 (only if 1301 not taken in English 3)	Core	0.5	03220400
	ENGL 1302	Rhetoric and Composition II	3	English 4 Semester 2 (only if 1302 not taken in English 3)	Core	0.5	03220400
Mathematics 1 course 2 hours	Math 1314	College Algebra	3	Algebra II (full year) Or Precalculus Semester 1 (if student has Algebra II credit)	Core	1	03100600 Or 03101100
	Math 1414	College Algebra	3	Algebra II (full year) Or Precalculus Semester 1 (if student has Algebra II credit)	Core	1	03100600 Or 03101100
	Math 1342	Elementary Statistical Methods	3	Statistics Semester 2	Core	0.5	03102530
	Math 2412	Precalculus	4	Precalculus Semester 2	Core	0.5	03101100
	Math 2413	Calculus I	4	Independent Study in Mathematics	Core	0.5	03102502

Life and Physical Sciences 2 courses 6 hours	BIOL 1406	General Biology I	4	Specialized Topics in Science Semester 1	Core	0.5	03060333
	BIOL 1407	General Biology II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	BIOL 2401	Anatomy and Physiology I	4	Anatomy and Physiology Semester 1	core	0.5	13020600
	CHEM 1311	General Chemistry I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	PHYS 1401	General Physics I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	PHYS 1402	General Physics II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
Language, Philosophy, and Culture 1 course 3 hours	ENGL 2321	Introduction to British Literature	3	English 4 Semester 1	Core	0.5	03220400
	ENGL 2341	Introduction to Literature	3	English 4 Semester 2	Core	0.5	03220400
Creative Arts 1 course 3 hours	ART 1301	Art Appreciation	3	Art 1, Art Appreciation	Fine Arts	1	03500110
	MUSI 1306	Music Appreciation	3	Music Appreciation 1	Fine Arts	1	03155600
American History 2 courses 6 hours	HIST 1301	U.S. History I	3	U.S. History Semester 1	Core	0.5	03340100
	HIST 1302	U.S. History II	3	U.S. History Semester 2	Core	0.5	03340100
Government/Political Science 2 courses 6 hours	POLS 2305	U.S. Fed. Government & Politics	3	United States Government	Core	0.5	03330100
	POLS 2306	Texas Government & Politics	3	Special Topics in Social Studies 1st time taken	Core	0.5	03380002
Social and Behavioral Sciences 1 course 3 hours	ECON 2301	Principles of Macroeconomics	3	Economics with Emphasis on Free Enterprise System	Core	0.5	03310300
	PSYC 2301	General Psychology	3	Psychology	Core	0.5	03350100
	SOCI 1301	Introduction to Sociology	3	Sociology	Core	0.5	03370100
Integrative/Experiential Learning Option 6 hours	COMM 1311	Introduction to Communication	3	Communication Application	Elective	0.5	03241400
	COMM 1315	Public Speaking	3	Public Speaking	Elective	0.5	03240900
Non-Core Classes for High School Credit for Students enrolled in UTRGV Collegiate Academy	EDUC 1301	Introduction to the Teaching Profession	3	Principles of Education and Training	Elective	1	13014200
	CSCI 1370	Computer Science for Majors I	3	Computer Science I	Elective	0.5	03580200
	CSCI 1170	Computer Science for Majors I Lab	1	Computer Science I	Elective	0.5	03580200
	MANE 1101	Introduction to Manufacturing Engineering	1	Principles of Manufacturing	Elective	1	13032200

The University of Texas Rio Grande Valley General Education Core Curriculum
2024-2025 COURSES APPROVED FOR MCALLEN ISD CREDIT

University of Texas - Rio Grande Valley and McAllen ISD Crosswalk of Courses Approved For McAllen ISD Credit 2024-2025							
How UTRGV Dual Credit Works							
1. Students may take classes at UTRGV. Students may earn the college credit at UTRGV and have the course transcribed onto the UTRGV transcript. Students must then present the college transcript to the counselor and registrar to receive high school credit. Each institution's Core Curriculum applies to all academic degrees. Students should not enroll in courses, Core Curriculum or otherwise, without consulting with a trained academic advisor or counselor at the appropriate institution.							
2. Students must get prior permission from their academic counselor prior to enrolling in courses at UTRGV. Please review the Core Curriculum pages at UTRGV for more information.							
3. Tuition is free of charge; students are responsible for textbooks and parking fees. All coursework submitted for credit, will be validated by the campus administrative validation committee and posted for high school credit. Courses taken at UTRGV during the summer or online are not included in the McAllen ISD weighted average.							
Updated January 2024							
Discipline	UTRGV Core			McAllen ISD			
	Course Numbers	UTRGV Course Title	College Hours	HS Course Title	FSHP Courses	Credit	PEIMS Service ID
Communication 2 courses 6 hours	ENGL 1301	Rhetoric and Composition I	3	English 3 Semester 1	Core	0.5	03220300
	ENGL 1302	Rhetoric and Composition II	3	English 3 Semester 2	Core	0.5	03220300
	ENGL 1301	Rhetoric and Composition I	3	English 4 Semester 1 (only if 1301 not taken in English 3)	Core	0.5	03220400
	ENGL 1302	Rhetoric and Composition II	3	English 4 Semester 2 (only if 1302 not taken in English 3)	Core	0.5	03220400
Mathematics 1 course 3 hours	Math 1314	College Algebra	3	Algebra II (full year) Or Precalculus Semester 1 (if student has Algebra II credit)	Core	1	03100600 Or 03101100
	Math 1414	College Algebra	3	Algebra II (full year) Or Precalculus Semester 1 (if student has Algebra II credit)	Core	1	03100600 Or 03101100
	Math 1324	Mathematics for Business and Social Sciences	3	Algebra II Semester 2 OR Independent Study in Mathematics (if student has Algebra II credit)	Core	0.5	03100600 OR 03102500

	Math 1343	Introduction to Biostatistics	3	Independent Study in Mathematics	Core	0.5	03102500
	Math 1325	Calculus for Business and Social Sciences	3	Independent Study in Mathematics	Core	0.5	03102500
	Math 1342	Elementary Statistical Methods	3	Statistics Semester 2	Core	0.5	03102530
	Math 2412	Precalculus	4	Precalculus Semester 2	Core	0.5	03101100
	Math 2413	Calculus I	4	Independent Study in Mathematics	Core	0.5	03102502
Life and Physical Sciences 2 courses 6 hours	ASTR 1401	Intro to Astronomy I	4	Astronomy Semester 1	Core	0.5	03060100
	ASTR 1402	Intro to Astronomy II	4	Astronomy Semester 2	Core	0.5	03060100
	BIOL 1406	General Biology I	4	Specialized Topics in Science Semester 1	Core	0.5	03060333
	BIOL 1407	General Biology II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	BIOL 2401	Anatomy and Physiology I	4	Anatomy and Physiology Semester 1	core	0.5	13020600
	BIOL 2402	Anatomy and Physiology II	4	Anatomy and Physiology Semester 2	Core	0.5	13020600
	CHEM 1309	Chemistry for Engineers	3	Specialized Topics in Science Semester 1	Core	0.5	03060300
	CHEM 1311	General Chemistry I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	CHEM 1312	General Chemistry II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	ENVR 1401	Introduction to Environmental Science	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	ENVR 1402	Introduction to Environmental Science II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	GEOL 1403	Physical Geology	4	Earth and Space Science Semester 1	Core	0.5	03060200
	GEOL 1404	Historical Geology	4	Earth and Space Science Semester 2	Core	0.5	03060200
	PHYS 1401	General Physics I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	PHYS 1402	General Physics II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	PHYS 2425	Physics for Scientists and Engineers I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300

	PHYS 2426	Physics for Scientists and Engineers II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
	PSCI 1421	Physical Science I	4	Specialized Topics in Science Semester 1	Core	0.5	03060300
	PSCI 1422	Physical Science II	4	Specialized Topics in Science Semester 2	Core	0.5	03060300
Language, Philosophy, and Culture 1 course 3 hours	ENGL 2321	Introduction to British Literature	3	English 4 Semester 1	Core	0.5	03220400
	ENGL 2326	Introduction to American Literature	3	English 4 Semester 2	Core	0.5	03220400
	ENGL 2331	Introduction to World Literature	3	English 4 Semester 1	Core	0.5	03220400
	ENGL 2341	Introduction to Literature	3	English 4 Semester 2	Core	0.5	03220400
	ENGL 2351	Introduction to Mexican American Literature	3	Independent Study in English 1 st time taken	Core	0.5	03221800
	HIST 2321	World History I	3	Social Studies Advanced Studies 1 st time taken	Core	0.5	03380001
	HIST 2322	World History II	3	Social Studies Advanced Studies 2 nd time taken	Core	0.5	03380021
	MASC 2301	Introduction to Mexican American Studies	3	Ethnic Studies: Mexican American Studies	Core	1	03380084
	SPAN 2330	Intro to Spanish & Latin American Literature	3	Languages other than English Level IV	LOTE	1	03440400
Creative Arts 1 course 3 hours	ART 1301	Art Appreciation	3	Art 1, Art Appreciation	Fine Arts	1	03500110
	DANC 2323	Dance Appreciation	3	Dance 1	Fine Arts	1	03830100
	MUSI 1306	Music Appreciation	3	Music Appreciation 1	Fine Arts	1	03155600
	THTF 1310	Theatre Appreciation	3	Theatre I	Fine Arts	1	03250100
	ENGL 2314	Appreciation and Analysis of Literature	3	Literary Genres	Core	1	03221500
American History 2 courses 6 hours	HIST 1301	U.S. History I	3	U.S. History Semester 1	Core	0.5	03340100
	HIST 1302	U.S. History II	3	U.S. History Semester 2	Core	0.5	03340100
Government/ Political Science 2 courses 6 hours	POLS 2305	U.S. Fed. Government & Politics	3	United States Government	Core	0.5	03330100
	POLS 2306	Texas Government & Politics	3	Special Topics in Social Studies 1st time taken	Core	0.5	03380002

Social and Behavioral Sciences 1 course 3 hours	ECON 1301	Introduction to Economics	3	Economics with Emphasis on Free Enterprise System	Core	0.5	03310300
	ECON 2301	Principles of Macroeconomics	3	Economics with Emphasis on Free Enterprise System OR Economics, Advanced Studies (if student already has Economics credit)	Core	0.5	03310300 OR 03310301
	PSYC 2301	General Psychology	3	Psychology	Core	0.5	03350100
	SOCI 1301	Introduction to Sociology	3	Sociology	Core	0.5	03370100
	ENGL 2315	Humans and Language	3	English Independent Study 2 nd time taken	Elective	0.5	03221810
Integrative/ Experiential Learning Option 6 hours	COMM 1311	Introduction to Communication	3	Communication Application	Elective	0.5	03241400
	COMM 1315	Public Speaking	3	Public Speaking	Elective	0.5	03240900
	CSCI 1380	Computer Science I	3	Computer Science I	Elective	0.5	03580200
Non-Core Classes for High School Credit for Students enrolled in UTRGV Collegiate Academy	EDUC 1301	Introduction to the Teaching Profession	3	Principles of Education and Training	Elective	1	13014200
	CSCI 1370	Computer Science for Majors I	3	Computer Science I	Elective	0.5	03580200
	CSCI 1170	Computer Science for Majors I Lab	1	Computer Science I	Elective	0.5	03580200
	MANE 1101	Introduction to Manufacturing Engineering	1	Principles of Manufacturing	Elective	1	13032200

University of Texas at Austin OnRamps

OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from the high school teacher. All OnRamps courses can be applied to the Texas Common Core and are guaranteed to transfer to any public institution in Texas.

The key benefit of early exposure to postsecondary education is the authentic entry point to college expectations it provides for students. While in high school, participation in OnRamps courses may accelerate degree completion by reducing the costs and impact of student loans and increasing lifetime earning potential. In OnRamps courses, students learn first-hand all that it takes to succeed in college before they get there.

Entry and Exit Guidelines for OnRamps Entry:

Student interest to engage in rigorous college level work as well as teacher recommendations are necessary to enroll in OnRamps courses. Course work is open to all students, and students should be thoughtful and conference with their teachers and counselors on readiness to participate.

How OnRamps Works:

OnRamps students are enrolled in a year-long high school course facilitated by a high school teacher who is trained and certified by OnRamps to teach the course at their local campus.

- During the first half of the course, OnRamps students complete a series of required assignments that are designated by the University of Texas professor to determine eligibility to be dually enrolled in the university course.
- Students who successfully complete the high school version of the course receive credit from their local high school. In addition, students who successfully complete the spring college course receive credit from the university guaranteed to transfer to any public college or university in Texas.

UT Austin Core Curriculum

<https://ugs.utexas.edu/core/requirements/current>

The University of Texas at Austin OnRamps and McAllen ISD Crosswalk of Courses

Approved For Mcallen ISD Credit

2024-2025

How UT OnRamps Dual Enrollment Works

1. UT OnRamps students are enrolled in a yearlong high school course facilitated by a high school teacher who is trained and certified by OnRamps to teach the course on their local campus. Students are enrolled in the high school course and will enroll and receive credit in a college course. Students must earn a grade of 75% or better on the UT assignments to be dually enrolled in the university course.

2. During the first half of the course, OnRamps students complete a series of required assignments that are designated by an Instructor of Record at the university to determine eligibility to be dually enrolled in the university course. Certain assignments and assessments are required and determine the college credit. Student may drop the college enrollment course at any time without penalty.

3. Students who successfully complete the high school version of the course receive credit from their local high school. In addition, students who successfully complete the spring college course receive credit from the university guaranteed to transfer to any public college or university in Texas. Students must earn a D- or above in the OnRamps college course to earn college credit. These courses are awarded on a UT Austin transcript.

4. Courses taken in McAllen ISD are weighted courses, with the exception of Arts and Entertainment Technology and Computer Science.

Updated January 2024

	OnRamps			McAllen ISD			
Discipline	Course Numbers	UT OnRamps Course Title	Credits	HS Course Title	FHSP Course	Credit	PEIMS Service ID
English	RHE 306 K (ENGL 1301)	Research and Writing	3	English 3 Semester 1 OR English 4 Semester 1	Core	0.5	03220300 OR 03220400
	RHE 309 K (ENGL 1302)	Rhetoric of the American Identity	3	English 3 Semester 2 OR English 4 Semester 2	Core	0.5	03220300 OR 03220400
Mathematics	Math 305 G (Math 2312)	Discovery Precalculus	3 (Spring)	Precalculus (full year)	Core	1	03101100
	Math 301 (Math 1314)	College Algebra	3 (Spring)	Algebra II (full year)	Core	1	03100600
	Statistics SDS 302 (Math 1342)	Statistics	3 (Spring)	Statistics (full year)	Core	1	03100200
Science	Biology 311C and 206LA	Biology	4 (Spring)	Specialized Topics in Science	Core	1	03060300
	Chemistry 301 and 104M (Chem 1311)	Principles of Chemistry I and Intro to Chemical Practices I	4 (Spring)	Specialized Topics in Science	Core	1	03060300
	Physics 302K (Physics 1301)	Mechanics, Heat and Sound General Physics Tech Course I	4 (Spring)	Specialized Topics in Science	Core	1	03060300
	Physics 302L (Physics 1302)	Electromagnetism, Optics and Nuclear Physics General Physics Tech Course II	3 (Spring)	Specialized Topics in Science	Core	1	03060300

Social Studies	US His 315 K (HIS 1301)	The United States 1492 - 1865	3	U.S. History Semester 1	Core	0.5	03340100
	US HIS 315 L (HIS 1302)	The United States Since 1865	3	U.S. History Semester 2	Core	0.5	03340100
Arts & Entertainment Technology	AET 304	Foundations of Arts and Entertainment Technologies	3	Theater and Media Communications	Elective	1	03251300
Computer Science	CS 302	Computer Science	3	AP Computer Science (full year)	Core	1	A3580110

OnRamps Courses Offered in 2021-2024
Approved for High School Credit in McAllen ISD

University of Texas OnRamps University Course	High School Course	HS Credit
English 1301	English 3 Sem A	.5 Credit
English 1302	English 3 Sem B	.5 Credit
Mathematics 2312	Precalculus (Full Year)	1 Credit
Mathematics 1314 College Algebra	Algebra II (Full Year)	1 Credit
Statistics (Math 1342 or Stats SDS 302)	Statistics Dual (Full Year)	1 Credit
Biology 1306 and 1106	Specialized Topics in Science	1 Credit
Chemistry 1311 Principles of Chemistry	Specialized Topics in Science	1 Credit
Physics 1301 and 1101	Specialized Topics in Science	1 Credit
History 1301	US History Sem A	.5 Credit
History 1302	US History Sem B	.5 Credit
Arts and Entertainment Technology 304	Theatre and Media Communications (Full Year)	1 Credit
Computer Science 302	AP Computer Science (Full Year)	1 Credit

For further information regarding the OnRamps Program at your high school, see a school counselor or Dean of Instruction.

For more information on college and University freshman and sophomore level general academic coursework transfer of credits between institutions, reference the [Texas Common Course Numbering System](#) website.



La Universidad de Salamanca is a study-abroad program where students participate in rigorous university-level college readiness standards and have the chance to earn credit from La Universidad de Salamanca credit and high school credit. Students learn communication skills, develop a greater understanding of Spanish culture, make connections between language and culture and engage in global communication.

Discipline	Course Numbers	Salamanca Course Title	Credits	HS Course Title	FSHP Course	Credit	PEIMS Service ID
Non-Core Classes for High School Credit for Students who participated in Study Abroad Program	N/A	Lengua Espanola Conversacion y Redaccion Cultura	3	Special Topics in Language and Culture	Elective	0.5	11410000

Gifted and Talented Services

Gifted/Talented Program provides Services for students identified as Gifted and Talented (GT) in the areas of general intellectual ability and creative and productive thinking. Gifted students may choose to enroll in the International Baccalaureate® (IB) Diploma Programme (DP), Advanced Placement® (AP) courses and Pre-AP courses, UT OnRamps, and/or STC High School/ Dual Enrollment. Teachers of these courses complete 30 hours of GT training, which includes nature and needs of gifted students and an annual 6-hour GT update. Teachers also complete the prescribed AP or IB or Dual Enrollment training.

High School students are served in the Achieve Early College High School, Comprehensive High School AP Program, Lamar Academy IB Program, the AP Program at Options High School, Dual Enrollment Academies at STC, Concurrent Enrollment, UTRGV Collegiate Academy, and Dual Credit at all our high schools.

[GT Resources for Parents](#)

[College Readiness Programs for Advanced Learners](#)

[Advanced Academic Services Handbook](#)

[GT Summer Reading](#)

MCALLEN ISD Guidelines for Grading EIA Guidelines - Regulations Effective August 2019

Purpose for Grading Guidelines

Implementing consistent district grading policies and guidelines are important components in the effectiveness and credibility of our educational system. Student grades serve as (1) a tool to promote meaningful evaluation of student achievement, (2) to inform students and parents of academic progress, and (3) to help improve student performance, habits, and practices. The process to determine those grades should reflect a standard of reliability and validity. Grading should be fair, consistent, and measure the curriculum that has been taught.

Reference to Board Policy – EIA Local

The Superintendent or designee shall ensure that each campus or instructional level develops guidelines for teachers to follow in determining grades for students. These guidelines shall ensure that grading reflects a student's relative mastery of an assignment and that a sufficient number of grades are taken to support the grade average assigned. Guidelines for grading shall be clearly communicated to students and parents. In accordance with grading guidelines, a student shall be permitted a reasonable opportunity to redo an assignment or retake a test for which the student received a failing grade.

Minimum Number of Grades

Grades must be posted and updated weekly in the Skyward gradebook. Major Assessments must be scheduled/projected and announced at least three school days in advance.

At least one new grade must be entered into the Skyward Gradebook per week.

6-Week Grading Period - Minimum Number of grades for all secondary subjects and elementary Reading/Language Arts and elementary Mathematics		
Major Grades (per subject)	Minor Grades (per subject)	Separate Category (per subject)
3	4	Elementary Only

5-Week Grading Period - Minimum Number of grades for all secondary subjects and elementary Reading/Language Arts and elementary Mathematics		
Major Grades (per subject)	Minor Grades (per subject)	Separate Category (per subject)
2	3	Elementary Only

Progress Reports (end of 3 rd week) - Minimum Number of grades for all secondary subjects and elementary Reading/Language Arts and elementary Mathematics		
Major Grades (per subject)	Minor Grades (per subject)	Separate Category (per subject)
1	2	Elementary Only

Elementary Science and Social Studies - A minimum of four assessments is required per grading period for each subject with at least one being a major assessment for all grading periods.

Elementary Music and Physical Education - Elementary Music and Physical Education teachers will give two grades for skills and two grades for conduct per six-week grading period. A scoring rubric will be utilized for grading. Grades will be posted at the progress report grading period and at the end of the six-weeks period. Weighted categories will not be utilized for music and physical education classes.

Retesting

“Reasonable opportunity” to redo/retest on major assessment:

- All students will be able to substitute the retest grade for the failing grade, but the grade will be no higher than a 70.
- The student must participate in some form of re-teaching/tutoring prior to the re-test.

Make-up Work

“Reasonable opportunity” to make-up a major/minor assessment or assignment due to absence:

- **Excused absence:** All students will have up to 3 days to make up a major/minor assessment or assignment without penalty, given the total number of absent days (up to 3). A teacher will have the option of assigning an alternate assessment in lieu of the original. ***In extenuating circumstances with absences, the campus principal will make a decision on the assignment and make-up days.*** Homework assigned prior to student’s absence is due the day student returns to class.
- **Unexcused absence:** All students will have up to 3 days to make-up a major/minor assessment with a progressive grade penalty of 10 points per day. A teacher will have the option of assigning an alternate assessment in lieu of the original.
- A student should not, on the day of returning to school, be required to take a major/minor assessment that was announced during his/her absence. However, if student received all instruction for the announced major/minor assessment, student is responsible for taking major/minor assessment or submitting major/minor assessment upon return to school.

Late Work

“Reasonable opportunity” for late submission of major/minor assessment:

All students will have up to 3 days to submit late major/minor assessment with progressive grade penalty of 10 points per day.

Grade Reporting

The grade from any assessment administered through the last day of the grading period will be included in the current grading period. ***All major/minor assessments must be reported to the student prior to the end of the last day of the grading period.***

Semester Exam Retesting

(1) If the average of the three six-weeks is 70 or better and the student's final Semester average is a failing grade because of a final exam grade, the student is entitled to take a retest; (2) It is the student's responsibility to check with his/her teacher to schedule the retest exam if he/she is eligible.

Course Syllabus

(Secondary Only) - All teachers will provide parents and students with a Syllabus for all courses. This can be shared on Word Document or Google Doc.

Components of each class syllabus:

- Teacher Name
- Course Title and Class Times
- Conference Time and school phone number
- Available Tutoring Time
- Teacher school email
- Electronic communication codes for students/codes for communication apps (if applicable)
- General method of assessment and grade calculation in compliance with McAllen ISD Grading Guidelines
- Classroom Expectations and Procedures
- Outline or Scope and Sequence /Semester-at-a-Glance of major course units, themes, or projects
- Books / Materials / Major projects / Required course readings/Suggested Readings

Due to Appraiser – Friday before the first day of school; copy kept on file

Electronic Gradebook Categories and Instructional Items: Suggested category examples

	Elementary		Middle School		High School	
Major Assessment	Exam/Test Project Term Paper Essays/Composition Lab	60%	Exam/Test Project Term Paper Presentation ISN/Portfolio Lab IB Assessment	60%	Exam/Test Project Term Paper Presentation Portfolio Lab	60%
Minor Assessment	Quiz Presentation Journal Lab A.R. Benchmark (optional as Minor only, determined by campus)	30%	Quiz Journal Lab Homework Classwork A.R. Benchmark (optional as Minor only, determined by campus)	40%	Quiz Journal Lab Homework Classwork Benchmark (optional as Minor only, determined by campus)	40%
Separate Category	Daily Classwork Participation	10%	N/A			

ACADEMIC ACHIEVEMENT CLASS RANKING PHILOSOPHY:

- The District desires to honor and recognize students who have attained high academic achievement through self-discipline, determination, and hard work.
- McAllen ISD Board Policy – EIC Local (Academic Achievement – Class Ranking)
- The District shall include in the calculation of class rank only grades earned in grades 9–12 for high school credit and only in certain courses in the following subjects, as listed in the curriculum bulletin: English, Mathematics, Science, and Social Studies, except as excluded in this policy. Failing grades in these courses shall also be included.
- Class Rank System: The following provisions address the District’s Class Ranking System used for purposes of declaring local honors in accordance with state law. Class ranks shall be calculated by the District as follows:
 - End of 9th grade – 2 semester GPA/RIC (rank in class) calculated and released the week of October 21, 2024 for those students who have earned a minimum of 6.0 credits through Aug. 31, 2024.
 - End of 10th grade – 4 semester GPA/RIC (rank in class) calculated and released the week of September 23, 2024 for students who have earned a minimum of 13 credits as of Aug. 31, 2024.
 - End of 11th grade – 6 semester Official GPA/RIC (rank in class) Release 1 of 2 calculated and released no later than June 13, 2024 for students who are classified as an 11th grader as of May 31, 2024. This will be the official ranking until the Release 2 of 2 is calculated and released the week of September 9, 2024.
 - End of 11th grade – 6 semester Official GPA/RIC (rank in class) Release 2 of 2 calculated and released the week of September 9, 2024 for students who have earned a minimum of 20 credits as of August 31, 2024.
 - Midterm 12th grade – 7 semester Official GPA/RIC (rank in class) calculated and released no later than January 31, 2025 for students who have earned a minimum of 20 credits through Jan. 24, 2025.
 - Final GPA/RIC (for graduating Seniors) – Official certification of Valedictorian, Salutatorian, and Top 10% calculated after 5th Six weeks of the current Academic Year. The average of the fourth and fifth six-week grades shall be given two-thirds the weight of a semester grade for this purpose.

Class Rankings by Grade Level and Credits

9 th Grade - Freshman 0 -		10 th Grade - Sophomore 6.0 – 12.5 Credits		11 th Grade - Junior 13.0 – 19.5 Credits		12 th Grade - Senior 20.0 – 26.0+ Credits	
Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
	End of 9th grade	2 semester GPA/RIC calculated and released the week of October 21, 2024 for those students who have earned a minimum of 6.0 credits through Aug.31, 2024.	End of 10th grade	4 semester GPA/RIC calculated and released the week of September 23, 2024 for students who have earned a minimum of 13 credits as of Aug. 31, 2024.	End of 11th grade 6 semester GPA/RIC Release 1 of 2 calculated and released no later than June 13, 2024 for students who are classified as an 11th grader as of May 31, 2024.	6 semester GPA/RIC Release 2 of 2 calculated and released the week of September 9, 2024 for students who have earned a minimum of 20 credits as of August 31, 2024.	Midterm 12th grade – 7 semester Official GPA/RIC calculated and released no later than January 31, 2024 for students who have earned a minimum of 20 credits through Jan. 25, 2025. End of Grading Period 5 – Final GPA/RIC for Top 10% Graduating Seniors Valedictorian and Salutatorian determined

FAQ – End of 11th Grade 6th Semester Official GPA/RIC (Rank in Class)

Release 1 of 2 and Release 2 of 2

Effective 2019-2020

- **Why does McAllen ISD release two official End of 11th Grade 6th semester GPA/RICs?**

1. Prior to 2018 – 2019, ranks were released to 11th graders in the spring of their Junior year as a 5 Semester Official GPA/RIC (Rank in Class)
2. Applytexas.org opens on August 1 and students who have their class rank can complete the application for Early Enrollment for Automatic Admission; however, having only 1 release would mean that the first available rank would be the week of September 9, 2024;
3. Universities with limited seats in competitive majors may close admission early;
4. For on-campus housing, some universities require a complete application up to full admittance before allowing a student a spot in the on-campus housing facilities;
5. Some scholarship deadlines are earlier than university deadlines;
6. Other districts across Texas are offering earlier official sixth semester ranks. Thus, for McAllen ISD students to remain competitive, the ranks must be released earlier to allow them to compete for limited slots.

- **When will End of 11th Grade 6th semester Official GPA/Rank in Class Release 1 of 2 be?**

The Release 1 of 2 Rank will be available no later than June 13, 2024. This is the official rank until it is replaced by the Release 2 of 2 the week of September 9, 2024.

The Release 1 of 2 Rank can be picked up at the school no later than June 19, 2024 when it is available, and it will be uploaded to Skyward Portfolio the week of June 17, 2024.

- **When will End of 11th Grade 6th semester Official GPA/Rank in Class Release 2 of 2 be?**

The Release 2 of 2 will be calculated and released no later than the week of September 9, 2024. As with all class ranking releases, this release supersedes all previous releases.

- **Will a student's Release 1 of 2 and Release 2 of 2 be identical?**

Unlikely. Here are some possible reasons why the two ranks will not be identical:

1. Courses completed in summer 2024 from summer school and South Texas College Dual Enrollment Academies courses that are part of the degree plan will be calculated in the September Release 2 of 2 Rank but not in the June Release 1 of 2 Rank.
2. Students who moved during the summer to other schools are not included in the September Release 2 of 2 Rank but were included in the June Release 1 of 2 Rank.
3. New students who enroll in August/September are included in the September Release 2 of 2 Rank but were not included in the June Release 1 of 2 Rank.

- **Will a student be able to choose which End of 11th Grade (6 semester Official GPA/Rank with Class Release 1 or Release 2) to use?**

With the release of the September Release 2 of 2 Rank, the June Release 1 of 2 Rank will no longer be applicable since it has been replaced by the September Release 2 of 2 Rank. The universities must decide which rank is acceptable.

- **May a student send both of the End of 11th Grade (6 semester Official GPA/Rank with Class Release 1 and Release 2)?**

While McAllen ISD is providing the class ranks, the district does not dictate to universities. Any questions as to which rank can or must be used is determined by the university at which the student is applying for admission.

- **Must a student who has sent the June Release 1 of 2 Rank also send the September Release 2 of 2 Rank if it is lower than the June Release 1 of 2 Rank?**

While McAllen ISD is providing the class ranks, the district does not dictate to universities. Any questions as to which rank can or must be used is determined by the university at which the student is applying for admission.

- **Which students should send the June Release 1 of 2 Rank?**

This is a personal decision the student/parent/guardian should make. Here is information to help make a decision:

1. Students who are in the top ten percent (10%) of their class will be automatically admitted into all public colleges and universities in Texas except for the University of Texas at Austin.
2. Students who are in the top six percent (6%) of their class and are 2024 graduates will be automatically admitted to the University of Texas at Austin.
3. There is no guarantee that a student's rank will improve from June to September.

- **How will this information be given to students and parents/guardians?**

1. Counselors will conduct Junior conferences 2024-2025 to explain the two ranks;
2. This FAQ document will be posted on the District and Campus website;

This FAQ document will be available to the parents of Juniors 2024-2025 (9th grade cohort 2020 - 2021).

ACADEMIC ACHIEVEMENT
CLASS RANKING

EIC
(LOCAL)

**Consistent
Application for
Graduating Class**

The District shall apply the same class rank calculation method and rules for local graduation honors for all students in a graduating class, regardless of the school year in which a student first earned high school credit.

Calculation

For the graduating classes of 2025, 2026, and 2027, the District shall include in the calculation of class rank semester grades earned in high school credit courses taken in grades 9-12 only, unless excluded below and only in the following subject areas: English, mathematics, science, and social studies.

Beginning with the graduating class of 2028, the District shall include in the calculation of class rank semester grades earned in high school credit courses taken in grades 9-12 only, unless excluded below and only in the following subject areas: English, mathematics, science, social studies, and eligible Advanced Placement (AP) or International Baccalaureate (IB) course as designated in District publications.

The class rank calculation shall not include semester grades from a course that is retaken after a passing grade has been earned, and the new grade shall not be recorded on the transcript.

The calculation shall include failing grades.

Exclusions

The calculation of class rank shall exclude grades earned in summer school, unless through dual enrollment in South Texas College (STC) Academy or Achieve Early College High School associate's degree program; any credit recovery distance learning program; any online program, unless offered as a dual credit course option along with traditional District courses; any course for which a pass/fail grade is assigned; or through credit by examination, with or without prior instruction.

**Weighted Grade
System**

Categories

The District shall categorize and weight courses as Advanced, Honors, College Prep, and Standard, in accordance with the provisions of this policy and as designated in appropriate District publications.

Advanced

Eligible IB, AP, OnRamps, dual credit, and approved courses designated in the curriculum bulletin shall be categorized and weighted as Advanced courses.

Pre-AP/Honors

Eligible Pre-AP and courses locally designated as honors shall be categorized and weighted as Honors courses.

College-Prep

Eligible courses locally designated as college-prep courses shall be categorized and weighted as College-Prep courses.

ACADEMIC ACHIEVEMENT
CLASS RANKING

EIC
(LOCAL)

Weighted Numerical
Grade Average

The District shall assign weights to semester grades, including failing grades, earned in eligible courses and calculate a weighted numerical grade average in accordance with the following:

Category	Weight
Advanced	plus 13 points*
Pre-AP/Honors	plus 10 points
College Prep	plus 5 points

*A grade of D plus, D, or D minus in a dual enrollment course shall receive high school credit, and the grade shall be converted to a 70 for purposes of calculating class rank.

The District shall record unweighted numerical grades on student transcripts.

Transferred Grades

When a student transfers semester grades for courses that would be eligible to receive additional weight under the District's weighted grade system, the District shall assign additional weight to the grades based on the categories and grade weight system used by the District only if the same, a similar, or an equivalent course are offered to the same class of students in the District.

**Local Graduation
Honors**

For the purpose of determining honors to be conferred during graduation activities, the District shall calculate class rank in accordance with this policy and administrative regulations by using grades available at the time of calculation at the end of the fifth six-week grading period of the senior year.

For the purpose of applications to institutions of higher education, the District shall also calculate class rank as required by state law. The District's eligibility criteria for local graduation honors shall apply only for local recognitions and shall not restrict class rank for the purpose of automatic admission under state law. [See EIC(LEGAL)]

Valedictorian and
Salutatorian

The valedictorian and salutatorian shall be the eligible students with the highest and second highest rank, respectively. To be eligible for this local graduation honor, a student must:

1. Have been continuously enrolled in the same District high school for the four regular (fall and spring) semesters immediately preceding graduation;
2. Be graduating after exactly eight semesters of enrollment in high school; and

ACADEMIC ACHIEVEMENT
CLASS RANKING

EIC
(LOCAL)

3. Have completed the foundation program with the distinguished level of achievement.

Breaking Ties

In case of a tie in weighted numerical grade averages, after calculation to the fourth decimal place, the District shall calculate a weighted numerical grade average only using eligible grades at the time of calculation.

If the tie is not broken after applying these methods, the District shall recognize all students involved in the tie as sharing the honor and title.

Honor Graduates

The District shall recognize at the graduation ceremony all students whose weighted numerical grade averages comprise the top 10 percent of the students in the graduating class, as follows:

- Summa cum laude: top 2 percent
- Magna cum laude: next 3 percent (3-5 percent)
- Cum laude: remainder of the top 10 percent (6-10 percent)

Highest-Ranking Graduate

The student meeting the local eligibility criteria for recognition as the valedictorian shall also be considered the highest-ranking graduate for purposes of receiving the honor graduate certificate from the state of Texas.

EXEMPTIONS FROM 'NO PASS, NO PLAY' RULE

The principal shall grant an exemption to the 'no pass, no play' rule that would normally require a suspension from extracurricular activities when a student receives a grade below 70 in a course or subject under the following conditions:

1. The class has been identified as [an honors course, in accordance with state rules](#);
2. The student's grade in the course is not below 65;
3. The student submits to the principal a written request for the exemption on a form provided by the District; and
4. No other exemption from the 'no pass, no play' rule has been approved for the student in the same semester.

The following advanced courses are eligible for exemption for extracurricular activity participation:

- All College Board Advanced Placement courses in all disciplines
- All International Baccalaureate courses in all disciplines
- Dual Credit courses in English, LOTE, Math, Science, and Social Studies only
- Pre-AP and IB MYP courses in English, LOTE, Math, Science, and Social Studies only

High School Classes Identified as Advanced Courses for UIL "No Pass-No Play" Purposes 2024-2025 (Board Approval August 2024)

§74.30

Language Arts		
English 1 Pre-AP/MYP Year 4	English 2 Pre-AP/MYP Year 5	AP English 3 (Language and Composition)
AP English 4 (Literature and Composition)	IB English III Language Studies HLY1	IB English IV Language Studies HLY2
Languages Other Than English		
Spanish I MYP Year 4	Spanish II MYP Year 5	French I MYP Year 4
French II MYP Year 5	Spanish I Lang & Lit MYP	Spanish II Lang & Lit MYP
IB Spanish SLY1	IB Spanish SLY2	IB Spanish HL Y2
IB French SLY1	IB French SLY2	IB French HLY2
AP Spanish Language	AP Spanish Literature	AP Computer Science Principles
IB Computer Science SL	IB Computer Science HL	
Math		
Algebra 1 Pre-AP/MYP	Geometry Pre-AP/MYP	Algebra 2 Pre-AP/MYP
Precalculus Pre-AP/MYP	AP Precalculus	AP Calculus AB AP Calculus BC
AP Statistics	IB Mathematics Applications and Interpretations SL	IB Mathematics Applications and Interpretations HL
IB Mathematics Analysis and Approaches SL	IB Mathematics and Approaches HL	Middle School Algebra I Pre-AP/MYP
Middle School Geometry Pre-AP/MYP	AP Computer Science A	IB Computer Science HL

Science		
Biology Pre-AP/MYP	Chemistry Pre-AP/MYP	Physics Pre-AP/MYP
Anatomy and Physiology	AP Physics 1	AP Biology
AP Chemistry	AP Environmental Science	IB Biology SL Y1 and Y2
IB Biology HL Y1 and Y2	IB Chemistry SL Y1 and Y2	IB Chemistry HL Y2
IB Physics SL Y1 and Y2	IB Physics HL Y2	IB Environmental Systems and Societies SL
Earth and Space Science		
Social Studies		
AP Human Geography	World Geography Pre-AP/MYP	AP World History
AP European History	AP U.S. History	AP U.S. Government and Politics
AP Research Methods/Psychology	AP Psychology	AP Macroeconomics
IB Psychology SL Y1 and Y2	IB Psychology HL Y2	IB History of the Americas HL Y1 and Y2
Fine Arts		
AP Studio Art: Drawing	AP Studio Art: 2-D Design	AP Studio Art: 3-D Design
AP Music Theory	AP Art History	IB Visual Arts SL Y1
IB Visual Arts SL Y2	IB Visual Arts HL	IB Theater Arts SL Y1
IB Theater Arts SL Y2	IB Theater Arts HL	
Non-Core Advanced Courses		
IB Theory of Knowledge Y1 and Y2	AP Seminar	AP Research
High School College Dual Enrollment Classes that are included in the “Community College General Academic Course Guide Manual (Part One)” - English Language Arts, Mathematics, Science, Social Studies, Languages other than English, and UT OnRamps Dual Enrollment Classes		

McAllen ISD Graduation Regalia
2024-2025
Updated January 31, 2024
HSSDT Meeting

Distinction	Graduation Cord	Requirements	Funded By	Worn at Graduation Ceremony	Worn at Campus Ceremony
Valedictorian	Gold Stole with Embroidery	Ranked #1 in class	Campus	✓	✓
Salutatorian	Gold Stole with Embroidery	Ranked #2 in class	Campus	✓	✓
Top 10% Summa Cum Laude Magna Cum Laude Cum Laude	White Stole with School Color Embroidery (Top 10%) Magna Cum Laude, Summa Cum Laude, Cum Laude (right side), School Initials with Mascot (Left Side)	Ranked in the top 10% after the 5 th six weeks of their 8 th semester	Campus	✓	✓
Military Commitment	Stole – with Military Branch	Verification of enlistment form	Campus	✓	✓
McAllen ISD/STC Dual Academy Stole identifying Academy	Campus Colored Stole with STC Academy Name	This is a stole to be given to the Academy students upon completion of Associates Degree.	Campus	✓	✓
STC Associates Degree	Lilac cord	STC Graduation	STC	✓	✓
AECHS Associates Degree Diploma	White Stole with Embroidery Logo	AECHS /STC Graduation	Campus	✓	✓
DEMSA	Silvery Metallic	STC Graduation	STC	✓	✓
DECJA	Silvery Metallic	STC Graduation	STC	✓	✓
DEEA	Silvery Metallic	STC Graduation	STC	✓	✓
DEBAA	Silvery Metallic	STC Graduation	STC	✓	✓
AP Capstone Diploma Candidate	White Stole with AP Capstone Diploma Candidate/AP Pin if available	AP Pinning Ceremony	Campus	✓	✓
IB Diploma Candidate	White Stole with Embroidery /Tri Color Cord /IB Pin	Completion of IB Diploma Requirements	Campus	✓	✓
National Merit Scholar	Fancy Medal with Long Ribbon	Granted to students named National Merit Scholar by the NMSQT Organization – certificate required.	Advanced Academics	✓	✓
National Merit Commended Scholar	Fancy Medal with Long Ribbon	Granted to students named National Merit Commended Scholar by the NMSQT Organization – certificate required.	Advanced Academics	✓	✓
National Merit Semi-Finalist	Fancy Medal with Long Ribbon	Granted to students named National Merit Semi-Finalist by the NMSQT Organization – certificate required.	Advanced Academics	✓	✓
National Hispanic Scholar	Fancy Medal with Long Ribbon	Granted to students named National Hispanic Scholar by the College Board Recognition Program – College Board	Advanced Academics	✓	✓
National African American Scholar	Fancy Medal with Long Ribbon	Granted to students named National African American	Advanced Academics	✓	✓
National African American Scholar	Fancy Medal with Long Ribbon	Scholar by the College Board Recognition Program – College Board	Advanced Academics	✓	✓

Distinction	Graduation Cord	Requirements	Funded By	Worn at Graduation Ceremony	Worn at Campus Ceremony
National Indigenous Scholar	Fancy Medal with Long Ribbon	Granted to students named National Hispanic Scholar by the College Board Recognition Program – College Board	Campus	✓	✓
AP International Diploma	White Stole with Embroidery	College Board Requirements	Campus	✓	✓
AP Scholar with Distinction	Silver and Gold Double Cord (16-17 onward)	Must receive an average score of at least 3.5 on all AP exams taken AND scores of 3 or higher on five or more of these exams	Advanced Academics	✓	✓
AP Scholar with Honor	Navy Blue and Gold Double Cord	Must receive an average score of at least 3.25 on all AP exams taken AND scores of 3 or higher on four or more of these exams	Advanced Academics	✓	✓
AP Scholar	Purple/White cord	Must receive scores of 3 or higher on three or more AP exams	Advanced Academics	✓	✓
McAllen ISD AP Program Graduate	Double Cord 1 royal blue 1 white	Must meet AP grade requirements	Advanced Academics	✓	✓
RGV Lead Scholar	Red/White/Blue Cord	Must meet RGV Lead Scholar requirements	CTE	✓	✓
International Thespian Society	Blue Stole or White Stole	Thespian membership honorable standing and GPA	Campus	✓	✓
National Art Honor Society	Multicolored cord	4 years membership	Campus	✓	✓
AVID	Stole	4 years participation in AVID	Campus	✓	✓
National Honor Society	White Collar	Membership and good standing in NHS	Campus	✓	✓
Sociedad Honoraria Hispanica	Black/Red/White/Yellow/Blue Cord	Recognition for participation in National World Language Honor Society and participation in 4 years of World Language. All criteria met.	Campus	✓	✓
Societe Honoraire de Francis	Red/White and Blue Cord	Recognition for participation in National World Language Honor Society and participation in 4 years of World Language. All criteria met.	Campus	✓	✓
Performance Acknowledgement	Fancy Medal with Gold Ribbon	One of the 5 Performance Acknowledgements	Advanced Academics	✓	✓
Perfect Attendance	Pin	Perfect Attendance for 13 Years	Advanced Academics	✓	✓
UT OnRamps	Burnt Orange Cord	UT University Participation	UT Austin	✓	✓
CTE*	White Stole	See “Career Connections” Booklet	CTE	✓	✓
College, Career, Military Ready	Gold Cord	Meet Requirement for College, Career, Military Ready	Advanced Academics	✓	✓
Texas Success Initiative (TSI)	Fancy Medal with Long Ribbon	TSI Complete through SAT, ACT, or TSIA2	Advanced Academics	✓	✓

***Class of 2023 and beyond must meet eligibility requirements (see Career Connections booklet), obtain a license/certification from state approved list, and be an active member of CTSO for a minimum of two years.**

Campus Procedures

High School Level Changes

Dual Credit, OnRamps, Pre-AP, AP, MYP and IB DP coursework are rigorous courses of study for high school students. These courses are college preparatory and aligned with college level work. All students who are enrolled in these courses must spend additional time preparing for the classes and studying for exams. This will include attending Saturday or after school study sessions and tutoring.

If the need arises to request a level change, students must follow the campus procedures. This begins with a student meeting with their academic counselor to discuss the options available to the student. The counselor will advise that the potential schedule changes might have an impact on the student's declared endorsement(s) and/or performance acknowledgment(s).

Students may be eligible for an academic level change (if necessary) before the end of the 1st six weeks, 4th six weeks, or at the end of the semester. After week 4 of each Semester a student can lose eligibility if the grade is below a 70. All schedule changes are subject to the campus Principal or designee approval.

Students enrolled in Dual Credit classes must adhere to the college add/drop dates unique to the university or college.

Adding/Dropping a Course

Requests for schedule changes will be considered during the beginning of the semester. Seat availability will be considered before granting a schedule change. Careful consideration must be given to student athletes, so as not to affect UIL Eligibility.

NOTE: Before dropping any sport, student athletes must get approval from their coach and reference the UIL calendar so as not to affect UIL Eligibility. Dropping courses may affect UIL eligibility.

Conduct For Graduation Speeches

To qualify to give the valedictorian or salutatorian speech, a student shall not have engaged in any serious violation, as defined in the Student Code of Conduct, during his or her senior year.

Early Graduation

Students graduating early from Lamar Options shall request a transcript from their home school. Diplomas are printed at the end of the academic school year. Rank in class shall be computed with that year's graduating class. Students graduating at any time other than the end of the school year shall not be eligible for valedictorian or salutatorian.

Texas First Early High School Completion Program

This prestigious opportunity enables students to graduate early with the Distinguished Level of Achievement and receive a scholarship for college for one or two semesters. Students who choose to graduate early must meet eligibility requirements to qualify. For more information, contact your academic counselor.

Transfer Students and Ranking

When a student transfers after a semester or full year is completed, the receiving district must honor credits already awarded by the sending Texas public district or charter (19 TAC §74.26(a) (1)).

In the case of students transferring into the District with letter grades, letter grades shall be converted to numerical grades for purposes of determining grade point averages and class rank. Such conversion shall be governed by the following:

- For transcripts that include grade conversion tables, the printed tables shall be used.
- Unless otherwise specified in a conversion table, the midpoint of a grade range shall be designated as the numerical grade and any fraction of one-half or more is rounded to the next whole number.
- If a grade conversion table is not included on a transcript, letter grades shall be converted to numerical grades using the following scale:

A+ = 99	B+ = 89	C+ = 79	D+ = 74	F = 69
A = 95	B = 85	C = 77	D = 72	
A- = 90	B- = 80	C- = 75	D- = 70	

- In the case of students transferring into the District with numerical grades, the numerical grades shall be honored at face value.
- A student who transfers into the District with higher-level course credits shall receive weighted grades in calculating the grade point average according to provisions in this policy, only if the same or similar higher-level course is offered in the District.

Transfer Credit from Unaccredited, Non-Public, Out of State, or Out of Country Schools

Students from nonpublic, out-of-state, out-of-country schools may have transcripts that record letter grades or that indicate awarded credit for courses with grades lower than the Texas passing standard of 70. These transcripts may also indicate awarded credit for courses that do not exactly correlate with a Texas course title. The receiving McAllen ISD campus must evaluate the transcript to determine the appropriate recording of the student's grades

and evaluation of the student's courses in accordance with the standard utilized above. The campus must determine the proper placement and award of credit based on the evaluation of the student's transcript.

If a military student transfers at the beginning, or during his or her senior year, and is ineligible to graduate, after all alternatives have been considered, the sending and receiving local education agencies are required to ensure the receipt of a diploma from the sending local education agency, if the student meets the graduation requirements of the sending local education agency.

To validate credits earned through an unaccredited school, public or private, the District shall administer credit by examinations or establish credits earned through scholarship performance in trial grades and course assignments.

If a transcript shows that a foreign student studied his/her native language, the campus may apply these credits towards the Languages other than English requirements. **The district makes the determination after reviewing all requested documents.**

For high school students coming from out of the country, reports cards from home country will be submitted to the McAllen ISD Bilingual Department for credit analysis submission to the district's contracted evaluation Service. This evaluation Service will determine which credits are comparable to those offered in Texas public schools and create a transcript analysis. Once the Bilingual Office receives the transcript analysis, it is forwarded to the appropriate campus. The campus committee will then record a grade of 60-69 as a "P" on the student's transcript and any grade of 70 or above as a numerical grade. **Campus committee determines the student's grade level based on the student's expected graduation date and not on the total number of credits posted on transcript evaluation.**

NOTE: Validated credits from unaccredited schools are not used in determining class rank; yet, credits in the transcript analysis of out of country are used in ranking.

Transcripts

Every grade that a student has achieved will appear on the student's transcript whether he/she has lost credit for the course, has failed the course, or has repeated the course. Courses taken at middle school that are considered for high school credit will be reflected on the transcript. Once a student is awarded credit, the **credit cannot be removed. Students may only be awarded state credit for a single course once (the first time the course is taken).**

Online Transcript Request Procedure

Students may request transcripts online at any time by using the link on the district website, <https://needmytranscript.com/McAllen-isd> . At the time of the request, students will have the option to include or exclude college entrance and AP exam scores.

Transfer of Credits from Accredited Schools

The District shall accept transfer credits without further validation from schools that are accredited by a regional or state accrediting agency.

Transfer of a Home-schooled Student

Transferring home-schooled students are afforded the same treatment as students transferring from unaccredited private schools. **Awarding of credit for courses taken will be determined by a committee comprised of several members, including the Dean of Instruction and Lead Counselor at the campus reviewing the curriculum and/or work of the student or by using credit by examination.**

Credit by Examination

Credit by Exam is a means for determining transfer credits for students from non-public (including home schooling), out-of-state, and/or out-of-country schools.

Students may be assessed using credit by exam methods for individual subject areas.

- A secondary student assessed using the credit by exam will be provided adequate time to prepare for the test, particularly if multiple exams are required. The passing standard of 70% for students is to be used for students who have received prior instruction. The passing 80% standard is to be used for earning credit for courses not previously taken.
- Credit by exam results will not be used to average final grades.
- Course credit earned through credit by exam with or without prior instruction will not be included in determining class rank.

Credit by Exam may also be provided as an opportunity for a student to regain credit for a semester previously failed. To qualify for a Credit by Exam, a student must have a semester average in the 60 – 69 grade range. See campus Dean of Instruction for more information.

Guidelines For Requesting Courses at a Second Campus

Students who sign up for a one-hour course at a campus other than their own must select an additional one-hour course at that campus in order to comply with the bus transportation requirements.

Minimum Enrollment in a Course

Administration will determine the minimum enrollment for a course to be offered. If enrollment is less than fifteen students, the course may be cancelled or combined with another comparable course. Students in need of an AP or Dual Enrollment course not offered at the home campus may request a course at a different campus.

Loss of Credit

A student who has a Semester 1 attendance rate lower than 90% in any class may appeal for credit. Regardless of whether or not the attendance committee decides to award credit, the grade earned will be posted on the student's transcript.

Course Audit Procedures

Students must request permission to audit a course in writing to the principal. This request must be approved prior to the student's official first day of school.

Academic Grading

The District operates on a Semester basis and adheres to Texas Education Agency standards in relation to curriculum offerings, sequence of courses, and amount of time of instruction for each subject. The school year is divided into two semesters. Semesters are divided into three periods of six weeks each for purposes of grades and reports. At the end of each six-week period, students will receive report cards.

GRADE SCORES	
A	90 - 100
B	80 - 89
C	75 - 79
D	70 - 74
F	Below 70
I	Incomplete
NG	No Grade

Awarding of Credit - Full Year or Partial Credit

“When a student earns a passing grade in only one semester of a two-semester course and the combined grade for the two semesters is lower than 70, the District shall award the student credit for the semester with the passing grade. The student shall be required to retake only the semester in which he or she earned the failing grade.”
(McAllen ISD Policy EI Local)

If the two semesters of a full-year course are completed during the same academic year and average to a 70, credit may be awarded for the entire course when taken with McAllen ISD.

Credit Requirement for Grade Classification and for graduating incoming freshmen 2007-2008 and thereafter:		
Grade	Classification	Credits
9 th	Freshman	0-5.5 credits
10 th	Sophomore	6.0-12.5 credits
11 th	Junior	13.0-19.5 credits
12 th	Senior	20.0-26.0 credits

Credits required for graduation = 26

Testing Requirements for High School Graduation in Texas

To receive a high school diploma, a student must complete the required curriculum and pass a series of exit-level state assessments. Alternative exit level assessments may be administered if students meet specific requirements as outlined by special education Services. Currently SB 213 allows students to graduate if they pass 3 out of 5 EOC exams.

The following is the scores needed on each EOC:

EOC Exam	Approaches	Meets	Masters
English I	3775	4000	4691+
English II	3775	4000	4831+
Algebra I	3550	4000	4333+
Biology	3550	4000	4576+
US History	3550	4000	4440+

McAllen ISD Exemption Regulation

EIA (Local)

Purpose

The purpose of the exemption regulation is to motivate students to maintain passing grades and attend school on a regular basis. Students who have passing grades and attend school regularly are better prepared students.

Exemptions from Final Examinations

Semester examinations shall be scheduled in all high school courses. Grade qualifications, absence standards, and the number and type of courses considered for exemption from semester examinations vary by grade level; however, high school students (grades 9-12) must qualify for exemptions in one or more classes each semester. A student qualifying for an exemption may elect or may be directed by a parent to take a semester examination in any course.

A student must have performed satisfactorily throughout the semester which results in a high end of term grade. This type of exemption acknowledges our students' academic achievement in their daily assignments, unit tests, projects, six weeks' exams, school benchmarks, class participation and daily attendance.

Exemptions are based on semester grades and attendance, on a class-by-class basis. Semester examinations shall be scheduled in all high school courses. Students must abide by grade qualifications and absence standards. The number and type of courses considered for semester exemptions will vary from grade level to grade level. All students will be exempt from final examinations if criteria are met.

General Qualifications

In determining eligibility for exemptions from semester examinations, the following general qualifications shall apply:

1. In calculating absences (for the purpose of determining exemptions from semester examinations), three tardies from a particular class shall constitute an absence from that class.
2. During the school year, students who are assigned to an Alternative Educational Placement (AEP) for disciplinary reasons shall be ineligible for semester examination exemptions for the semester(s) they are assigned.
3. Student must not have been placed in ISS two or more days (or parts of days) or received more than 3 disciplinary referrals during a semester.
4. Student must not have more than 3 excused or unexcused absences for class in which the student is trying to exempt semester examination.
5. Student enrolled in a Dual Enrollment (DE), Advanced Placement (AP), or International Baccalaureate (IB) class(es) must take end of semester college exam/end of year AP/IB exam in order to maintain eligibility for high school semester exemption.
6. To retain exemption status, a student otherwise eligible for an exemption must report to the class on the day of the scheduled semester examination. If the student does not report to the class, a grade of zero will be posted.

Core and Elective Courses

For purposes of this policy, core courses include the following:

1. English
2. Mathematics
3. Science
4. Social Studies

Courses other than those listed as core subjects are considered to be electives.

Note: Students enrolled in Dual Enrollment courses (UTRGV, STC, and UT OnRamps) must take the semester exam for the college course but may qualify to exempt the High School semester exam. *Students enrolled in College Preparatory English or Math may not exempt the High School or college exam.

Other Qualifications

For purposes of exemption at each grade level, the chart below includes the number of absences, the minimum grade requirement, the number and type of course (core subjects and elective classes), and semester.

Grade Level	Cohort (Year student entered 9 th Grade)	Exemptions Allowed by Semester	
		Fall	Spring
9 th	2024-2025	1 Non-EOC Core (Except AP/ DE/OnRamps Courses) 1 Elective	1 Core (Including AP/DE Courses) 1 Elective
10 th	2023-2024	1 Non-EOC Core (Except AP/DE/OnRamps Courses) 2 Electives	1 Core (Including AP/DE Courses) 2 Electives
11 th	2022-2023	2 Core (Except EOC U.S. History and AP/IB/DE/OnRamps courses) All Electives	2 Core (Including AP/DE/IB Courses) All Electives
12 th	2021-2022	All Core (Except AP/IB/DE/OnRamps courses*) All Electives	All*

Semester Average		Attendance
70-74	AND	0 absences
75-79	AND	0-1 absences
80-89	AND	2 or fewer absences
90-100	AND	3 or fewer absences

Exceptions

For exemption purposes, up to two absences per year may be waived for 3-year graduates, graduating juniors and seniors, provided that:

1. The student is absent for the purpose of attending university/college events connected with scholarships, admission, or orientation;
2. The student furnishes the high school principal with a copy of an invitation/appointment letter from the college or university; and
3. The student furnishes the high school principal with written verification of the visit(s).

Students who have lost their exemption status and believe their absences merit consideration, must submit an appeal in writing to the principal and attendance committee.

COLLEGE ENTRANCE EXAMS

SAT/ACT

Admissions tests are required for most colleges. Check the catalogue of the college of your choice to determine which test is required. The SAT (Scholastic Aptitude Test) and the ACT (American College Testing) exam information booklets are available in the Guidance or Go Center. See individual catalogues for specific requirements. Special situations or circumstances, such as physical disabilities, learning disabilities, or religious beliefs, are addressed in your SAT/ACT registration bulletin. McAllen ISD offers SAT Test Day for all Juniors in the spring semester.

International students may be required to take the TOEFL (Test of English as a Foreign Language); therefore, they should check with the institution to which they are applying about this requirement.

College Readiness Measures

Students entering Texas Public institutions of higher education must take the [TSI Assessment](#), or be exempt, to enroll in credit-bearing college courses. Students must be in compliance with the **Texas Success Initiative (TSI)**, (Texas Education Code §51.3062) to enroll in Texas public institutions of higher education. The law requires all entering college students to be assessed for college readiness in reading, writing and math unless the student qualifies for an exemption or demonstrates college readiness through successful completion of college-level coursework. Each non-exempt student who fails to meet the college-readiness standard of the TSI Assessment must be provided with a plan for academic success, which may include developmental education coursework. Effective fall 2013, one statewide TSI Assessment will replace four assessments previously available.

Effective fall 2013, a student must participate in a pre-assessment activity before taking the TSI Assessment. The activity helps familiarize students with the Assessment and provides a variety of information relating to student options and campus resources.

[\(TSI\) Texas Success Initiative](#) as stated in House Bill 5 requires students to take the TSI Assessment to determine college readiness. Students who are entering a Texas college or university must take a TSI exam and receive a passing score in order to enroll in college credit bearing courses. TSI passing scores Math = College Ready Classification (CRC) 950 or below 950 and Diagnostic Level 6, English Language Arts & Reading + Writing = College Ready Classification (CRC) 945 and Essay 5 or College Ready Classification (CRC) less than 945 and Diagnostic Level of a 5 or 6 and at least a 5 Essay. Check with college or university to determine what is considered a passing score for admissions since each school sets their own passing threshold.

Students who are not successfully TSI complete after graduation from high school will only be allowed to enroll in developmental courses that are not awarded credit towards a college degree. *Disclaimer: Admission requirements vary for different colleges and universities.

Students may be exempt from taking a TSIA exam by achieving any of the following **before** February 15, 2023:

TEXAS SUCCESS INITIATIVE EXEMPTIONS	
ACT	Composite score of 23 or higher with at least a 19 on the English test and at least a 19 on the math section.
SAT	Minimum score of 530 on the math section for test taken March 5, 2016 or later.
MILITARY	Veterans, active duty personnel, and a student who is serving as and, for at least 3 years preceding enrollment, has served as a member of a reserve component of the U.S. Armed Services.
TRANSFER	Transfer from another institution having satisfactorily completed college-level coursework based on the receiving institution's approval.
CERTIFICATE	Enroll in a certificate program of one year or less (Level One certificates, 42 or fewer credit hours or equivalent) at a public institution.

For a complete list of TSI exemptions, see Texas Education Code, §51.3062 and Coordinating Board rules, §4.54.

Students may be exempt from taking a TSIA exam by achieving any of the following **after** February 15, 2023:

TEXAS SUCCESS INITIATIVE EXEMPTIONS	
ACT	Combined score of 40 or higher on the English and Reading test and at least a 22 on the math section. The use of scores from both the ACT administered prior to February 15, 2023 and the ACT administered after February 15, 2023 is allowable as long as the benchmarks set for English and Reading and Math are met.
SAT	Minimum score of 530 on the math section for test taken March 5, 2016 or later.
MILITARY	Veterans, active duty personnel, and a student who is serving as and, for at least 3 years preceding enrollment, has served as a member of a reserve component of the U.S. Armed Services.
TRANSFER	Transfer from another institution having satisfactorily completed college-level coursework based on the receiving institution's approval.
CERTIFICATE	Enroll in a certificate program of one year or less (Level One certificates, 42 or fewer credit hours or equivalent) at a public institution.

For more information visit [TSI Texas Success Initiative](#)

PSAT and the National Merit Scholarship Qualifying Test

Taking the [PSAT/NMSQT](#) gives students the opportunity to participate in the National Merit Scholarship Program. Students using this test to qualify for scholarships take it in their junior year during the month of October. All sophomores and juniors are required to take the PSAT. At McAllen ISD, sophomore and junior PSAT exams are offered free of charge to all enrolled sophomore and junior students. The district expectations are that all students will be present on the day of the exam and do their best.

ADVANCED PLACEMENT PROGRAM / COLLEGE CREDIT

Students in AP courses are expected to take the AP tests. Administrative policy requires those students enrolled in AP courses take the AP test. The district will pay for all AP exams. See your AP Campus Coordinator or school Dean of Instruction for more information.

If a student wishes to challenge an AP exam for a course in which they are not enrolled, the district may or may not approve the request or pay for the exam.

It is highly recommended that any student wishing to challenge an AP exam must be enrolled in a course that provides academic preparation for the examination.

SCHOLARSHIPS and FINANCIAL AID

Scholarships from various sources are available to students on the basis of academic achievement, test scores, financial need, character, and citizenship. Most scholarships emphasize merit and/or need. During the senior year, students are encouraged and assisted to apply for scholarships and are urged to contact their college admissions and scholarship specialists at the career center regarding available scholarships, application procedures, etc.

Note: Meeting deadlines is primarily the responsibility of the students and is of utmost importance.



UIL ACADEMIC CONTESTS

The University Interscholastic League offers a wide variety of academic contests for high school students, encompassing many elements of required high school coursework. These contests build upon the academic skills developed in the classroom and offer students an opportunity to stretch their talents above and beyond those requirements. The complete rules for each contest are contained in the UIL Constitution and Contest Rules, which is updated every year and posted on the UIL web site at: <http://www.uil texas.org/>.

The following is a list of the UIL events available to students. Each high school may offer several events based on student demand. Students should notify their counselor or assistant principal of their interest to participate in one or more events.

Academic Events: Accounting, Calculator Applications, Computer Applications, Computer Science, Current Issues & Events, Literary Events: Criticism, Mathematics, Number Sense, Ready Writing, Science, Social Studies, Spelling & Vocabulary, Theatre Events: High School One-Act Play, Theatrical Design Journalism Events: News, Editorial, Headlines, Feature Speech & Debate Events: Extemporaneous Speaking, Oral Interpretation, Speech and Debate Contest.

Texas Interscholastic League Foundation Scholarships

The Texas Interscholastic League Foundation has funded over \$20 million in scholarships to more than 15,000 students since 1954. Students may acquire applications and information on the UIL web site at: <http://www.uil texas.org>

UIL Eligibility for Academics or Sports

Students who are participating in extracurricular activities or UIL events must pass all subjects in order to be eligible. As per board policy FM Local, a student enrolled in advanced courses may request a UIL waiver. Contact the head coach or academic counselor for more information.

It is the policy of McAllen I.S.D. not to discriminate based on sex, handicap, race, color or national origin in its educational or career and technology program activities or employment as required by Title IX, Section 504 and Title VI. The district will take steps to ensure that lack of English language skills will not be a barrier to admission or participation in any educational or career and technology program.

NCAA Student Athlete Participation

The advantages of competing in college sports are [both immediate and lifelong](#). Participating in college sports provides opportunities to learn, compete and succeed. Student-athletes receive top-notch academic support, quality medical care and regular access to outstanding coaching, facilities and equipment. Student-athletes as a group graduate at higher rates than their peers in the general student body and feel better prepared for life after college.

[Learn more about the three divisions](#)

College-bound student-athletes preparing to enroll in a Division I or Division II school need to [register with the NCAA Eligibility Center](#) to ensure they have met amateurism standards and are academically prepared for college coursework.

Are you ready to play college sports? [Download this brochure](#) to find out.

To play Division I sports, you need to qualify academically. To meet the minimum requirements for Division I student-athletes enrolling in college in August 2016 or later you must:

- Graduate from high school
- Complete 16 Core Courses, including 10 before your seventh semester
- Earn a minimum 2.300 Grade-Point Average in core courses to compete in your first year of college
- Earn a combined SAT or ACT score that matches your core-course GPA on the sliding scale.

CORE COURSES

NCAA member schools require incoming student-athletes to build a foundation of high school courses that will best prepare them for the academic expectations in college.

- To play Division I sports, you must earn 16 core courses.
- Ten of them must be completed prior to the seventh semester. Those ten courses are “locked in” and cannot be retaken to improve the grade-point average.
- Seven of those 10 must be a combination of English, math or natural or physical science that fulfills the overall distribution requirements listed below.
- If you do not earn 10 courses before your seventh semester, you are still eligible to practice and receive a scholarship, but you cannot compete.
- For a complete list of your high school’s NCAA core courses, visit www.eligibilitycenter.org.

DIVISION I CORE COURSE REQUIREMENTS

- 4 years of English.
- 3 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

GRADE POINT-AVERAGE

Incoming student-athletes must present a grade-point average that predicts academic success at the collegiate level.

- Beginning August 1, 2016, you must earn at least a 2.300 GPA in NCAA core courses to be eligible to compete in your first year of college.
- To get a scholarship and practice, you must earn at least a 2.000 GPA in NCAA core courses.
- Only courses that appear on your high school's list of NCAA courses will be used to calculate your GPA for NCAA eligibility purposes. For a complete list of your school's courses, visit www.eligibilitycenter.org.
- Once ten core courses are "locked in" prior to the start of your seventh semester, you cannot take those classes over again to improve your GPA.
- Division I uses a sliding scale to match test scores and core GPAs

Data show that while GPA is a better predictor of collegiate success than test scores, using the two in combination is the best method. The NCAA continues to emphasize GPA over test scores when assessing college preparedness.

- Division I uses a sliding scale to match test scores and core-course grade point averages to determine eligibility.
- The NCAA uses only the critical reading and math SAT scores to determine eligibility. The writing score is not used.
- The NCAA uses only the sum of English, math, reading and science ACT scores to determine eligibility.

Visit the [Frequently Asked Questions](#) Page for more information and answers to questions you may have. For more information, contact your college and career specialist and academic counselor.

NCAA-Approved Core Courses

The NCAA core curriculum (**core course**) requirement ensures you're taking high school courses that prepare you for the academic expectations of college. **Note:** Not all high school classes are NCAA-approved core courses and may not count toward your 16 core-course credit requirement.

What is a Core Course?

An NCAA-approved core course must meet the following requirements:

Is a four-year college preparatory course in one of these subject areas:

English	Math (Algebra I or higher)	Science (Including one year of lab, if offered)	Social Science	World Language	Comparative Religion or Philosophy	✓
Is taught by a qualified instructor.						✓
Is taught at or above your high school's regular academic level.						✓
You receive credit toward high school graduation and course appears on an official transcript with course title, grade and credit awarded.						✓
Is in a noncore area, such as driver education, typing, art, music, physical education or welding.						✗
Prepares you for work or life, or for a two-year college or technical school, such as personal finance, consumer education or tech prep.						✗
Is taught below grade level, at a slower pace or with less rigor or depth, such as basic, essential, fundamental or foundational courses.						✗
Is a credit-by-exam course.						✗



REMEMBER

Scan the QR code to find your high school's list of NCAA-approved core courses.



Courses that meet the above criteria must be submitted to and approved by the Eligibility Center. Approved classes are included on **your high school's list** of NCAA-approved core courses. (For additional information on how your high school addresses core-course credits in your transcript, review the High School Information section of your high school's list of NCAA-approved core courses.) Make sure you're taking courses on your high school's approved list; ask your high school counselor if you need help. For more information regarding courses that can be taken in each core-course subject area, including additional subject areas, scan the QR code or visit on.ncaa.com/CCL.

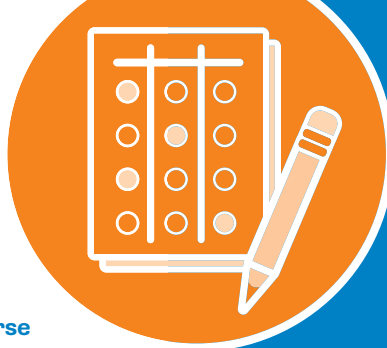
Core-Course Credits

You can earn credit for a core course only once. If you take a course that repeats the content of another core course, you earn credit for only one of these courses, and the higher grade counts toward your **core-course GPA**. For more information on core-course credits, visit ncaa.org/student-athletes/future/core-courses.

Dual-Enrollment Coursework

Dual-enrollment coursework may be used to satisfy NCAA core-course requirements if the course appears on your high school transcript with grade and credit and meets all requirements for an **NCAA-approved core course**.

Grade-Point Average



The NCAA Eligibility Center calculates your **core-course grade-point average** based on the grades you earn in NCAA-approved core courses. Only your best grades from the required number of NCAA core courses will be used. This means that the cumulative GPA listed on your high school transcript could be different than the NCAA core-course GPA used in your certification. Your core-course GPA is based solely on the grades you received in NCAA-approved core courses. To find your high school's list of NCAA-approved core courses, visit eligibilitycenter.org/courselist.

Your core-course GPA is calculated on a 4.0 scale. Numeric grades such as 92 or 87 are changed to letter grades, such as A or B. As part of this calculation, each grade received is assigned “quality points,” as shown in the scale below. The Eligibility Center does not use plus or minus grades when calculating your core-course GPA. For example, grades of B+, B and B- will each be worth three quality points. Weighted honors or advanced placement courses may improve your core-course GPA, but your high school must notify the Eligibility Center that it awards weighted grades in these classes.

In “Pass/Fail” grading situations, the Eligibility Center will assign your high school’s lowest passing grade for a course in which you received a “Pass” grade. For most high schools, the lowest passing grade is a D, so the Eligibility Center generally assigns a D as a passing grade.

Test Scores

In January 2023, NCAA **Divisions I and II** adopted legislation to remove standardized test scores from initial-eligibility requirements. Check with the NCAA school you plan to attend regarding whether standardized test scores are necessary for admission or scholarship requirements.

Calculating Your Quality Points

In order to determine your quality points earned for each course, multiply the quality points for the grade by the amount of credit earned.

Examples:

An A grade (4 points)
for a trimester course (0.34 unit):
 $4 \text{ points} \times 0.34 \text{ unit} = 1.36 \text{ total quality points}$

An A grade (4 points)
for a semester course (0.50 unit):
 $4 \text{ points} \times 0.50 \text{ unit} = 2.00 \text{ total quality points}$

An A grade (4 points)
for a full-year course (1.00 unit):
 $4 \text{ points} \times 1.00 \text{ unit} = 4.00 \text{ quality points}$

Use the **Division I and II Worksheets** to help determine your core-course GPA.

QUALITY POINTS

A = 4 points

B = 3 points

C = 2 points

D = 1 point

UNITS OF CREDIT

1 quarter unit = 0.25 unit

1 trimester unit = 0.34 unit

1 semester unit = 0.50 unit

1 year = 1 unit



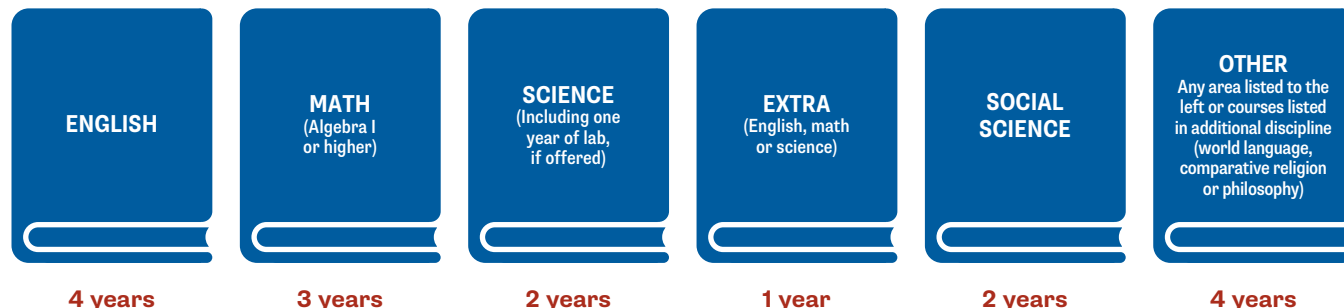
Division I Academic Standards

Division I schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet all the following requirements:

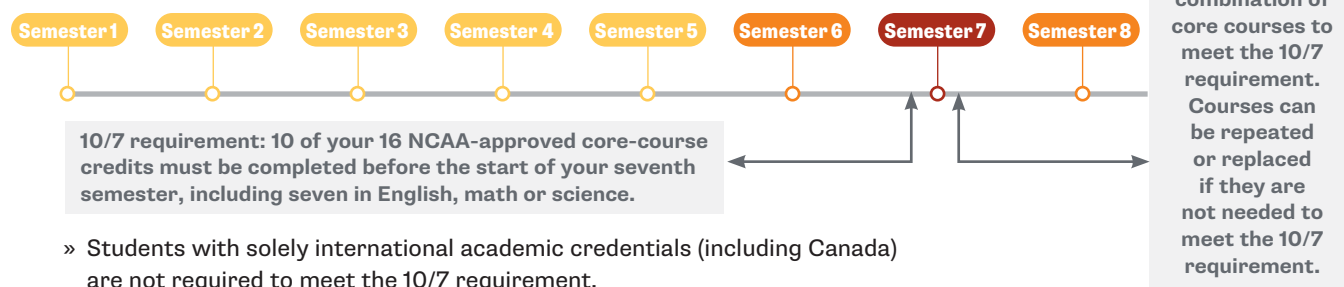


DIVISION I

1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of the seventh semester. Once you begin your seventh semester, any course that is needed to meet the 10/7 requirement cannot be replaced or repeated.



3. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
4. Earn a minimum 2.3 **core-course GPA**.
5. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

9th
GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or other

4 CORE COURSES

10th
GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or other

4 CORE COURSES

11th
GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or other

4 CORE COURSES

12th
GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or other

4 CORE COURSES



What If I Don't Graduate on Time?

In Division I, if you do not graduate on time (in four years/eight semesters), the Eligibility Center will still use your grades and coursework for the first four years/eight semesters for your certification. You will still need to provide proof of graduation (once you graduate) but may not use any coursework taken after your high school graduation toward your certification.

What If I Don't Meet Division I Standards?

If you have not met all the Division I academic standards, you may not compete in your first year of full-time enrollment at a Division I school. However, if you qualify as an **academic redshirt**, you may practice during your first term in college and receive an athletics scholarship for the entire year.

Division I Worksheet

Use the **Division I Worksheet** to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The Eligibility Center will determine your academic status after you graduate. Remember to check **your high school's list** of NCAA-approved core courses for the classes you have taken or plan to take.



ACADEMIC CERTIFICATION DECISIONS

Academic certifications are required for all college-bound student-athletes planning to compete at an NCAA Division I school. If you're being recruited by a Division I school, below are the most common decisions you may receive once a certification has been completed.

EARLY ACADEMIC QUALIFIER

If you meet **specific criteria** after six semesters of high school, you may be deemed an early academic qualifier for Division I and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

ACADEMIC REDSHIRT

You may practice during your first regular academic term and receive an athletics scholarship during your first year of full-time enrollment but may NOT compete during your first year of full-time enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

NONQUALIFIER

You will not be able to practice, compete or receive an athletics scholarship during your first year of full-time enrollment.

Division II Academic Standards

Division II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet all the following requirements:



DIVISION II

MAKE IT *YOURS*

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

2. Earn a minimum 2.2 **core-course GPA**.
3. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

What If I Don't Meet Division II Standards?

If you have not met all the Division II academic standards, you may not compete in your first year of full-time enrollment at a Division II school. However, you will be deemed a partial qualifier. All Division II partial qualifiers may practice and receive an athletics scholarship, but may NOT compete, during their first year of full-time enrollment.

Division II Worksheet

Use the **Division II Worksheet** to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The Eligibility Center will determine your academic status after you graduate. Remember to check **your high school's list** of NCAA-approved core courses for the classes you have taken or plan to take.



ACADEMIC CERTIFICATION DECISIONS

Academic certifications are required for all college-bound student-athletes planning to compete at an NCAA Division II school. If you're being recruited by a Division II school, below are the most common decisions you may receive once a certification has been completed.

EARLY ACADEMIC QUALIFIER

If you meet **specific criteria** after six semesters of high school, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

PARTIAL QUALIFIER

You may practice and receive an athletics scholarship, but may NOT compete, during your first year of full-time enrollment.



International Students

For Divisions I and II, an **international student** is one who has taken coursework outside the U.S. (not including **Department of Defense Dependent Schools or American schools abroad**) at any point from the initial start of school year nine through secondary school graduation. (For student-athletes planning to enroll at a **Division III** school, check with the compliance office to determine status.) As an international student enrolling at a Division I or II school, you must submit:

- » Transcripts for years nine and up in the native language.
- » Proof of graduation in the native language, which may include certificates, diplomas and/or final leaving exams.
- » Certified line-by-line English translations of these documents if they are issued in a language other than English.

Students enrolling at a Division III school should monitor their task list for any additional information needed to certify their amateur status.

ADDITIONAL INFORMATION

For specific details about the documents you must submit, refer to the current **Guide to International Academic Standards for Athletics Eligibility** or visit the International Student-Athletes page at ncaa.org/international. For a list of non-English-language resources for future student-athletes, visit on.ncaa.com/Translated.

In certain situations, the NCAA Eligibility Center may request additional documentation to clarify that your academic information is complete, valid and accurate. The **task list** within your Eligibility Center account is used to communicate these requests, so be sure to check your email frequently for task notifications.

- » For information on how to submit international documentation, visit on.ncaa.com/Intl_Docs.
- » All documents submitted to the Eligibility Center become the property of the Eligibility Center and cannot be returned. This includes any mailed original documents.

Failure to include any of these items will delay the review of your records, so be sure to understand the documents required for the country in which you attended school by reviewing the current **Guide to International Academic Standards for Athletics Eligibility** or visit your country's specific information page at ncaa.org/countries.

Need help? For specific questions that you can't find the answer to in our other resources, use our International Contact Form, found at on.ncaa.com/IntlContact.



Home School Students

Learning at home is not necessarily the same as being home-schooled. Because of ongoing growth in online and virtual education, a student may be able to learn at home through an online school with online teachers, which would not be considered a parent-directed tutor.

Courses evaluated as home school courses are those in which a parent or parent-directed tutor:

- » Plans and delivers actual instructional activities such as lectures, discussions, tutorials, feedback or assistance.
- » Determines the student's comprehension of the material by grading and evaluating student performance and achievement on assignments and assessments and providing appropriate re-teaching and feedback.
- » Determines the overall grade the student achieved in the course.
- » Places the grade on a transcript or grade report, or reports the grade to an approved home school umbrella program.

How to Register

If you're a home school student and want to play NCAA sports at a Division I or II school, you need to register with the NCAA Eligibility Center and meet the same standards as all other students.

Once you have completed your registration, visit ncaa.org/student-athletes/future/home-school-students and download the **Home School Toolkit**. This resource provides you with all the necessary **home school resources**.

Course Descriptions

English Language Arts

10090H ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION (ELDA)

Service ID: 03200800

Credit: 1 Elective

Level: Standard

Weight: 0

English Language Development and Acquisition (ELDA) is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. This course enables students to become increasingly more proficient in English in all four language domains. It addresses the cognitive, linguistic, and affective needs of English learners. The English Language Development and Acquisition (ELDA) course will validate a student's native language and culture as a valuable resource and as a foundation to attain the English language. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

Note: This course is paired with Reading I for Speakers of Other Languages.

10100H ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION II (ELDA II)

Service ID: 03200810

Credit: 1 Elective

Level: Standard

Weight: 0

English Language Development and Acquisition II (ELDA II) provides students instructional opportunities to continue to build English proficiency as a continuation of ELDA I course. This course enables students to become increasingly more proficient in English in all four language domains. It addresses the cognitive, linguistic, and affective needs of English learners. The English Language Development and Acquisition (ELDA) course will validate a student's native language and culture as a valuable resource and as a foundation to attain the English language. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

Note: This course is paired with English I for Speakers of Other Languages (ESOL I).

10120H ENGLISH I FOR SPEAKERS OF OTHER LANGUAGES (ESOL I)

Service ID: 03200600

Lowest Grade Placement: 9

Credit: 1 (English I)

Level: CP

Weight: 5

This course is for students who have completed a maximum of one year in a Newcomers English Language Development program (NELD) or for recent immigrant students who, upon entry, scored at the intermediate level on the placement test. Students enrolled in English I for Speakers of Other Languages continue to increase and refine

their communication skills. Students will be expected to plan, draft and complete written compositions on a regular basis.

NOTE: This course is STAAR End of Course (EOC) tested and required for graduation and is paired with ELDA II. Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).

10140H READING I FOR SPEAKERS OF OTHER LANGUAGES

Service ID: 03270700

Lowest Grade Placement: 9

Credit: 1 Elective

Level: Standard

Weight: 0

This course is for students who have completed a maximum of one year in a Newcomers English Language Development program or for recent immigrant students who, upon entry, scored on the intermediate level on the placement test. The emphasis of this course is to develop competency in reading skills. Instruction focuses on increasing students' use of appropriate reading strategies by providing opportunities to read for a variety of purposes.

Note: This course is paired with ELDA I.

10520H-10550H READING I-II-III-IV/D LAB

Service ID: 03270700, 03270800, 03270900, SR000005

Lowest Grade Placement: 9

Credit: 1 Elective

Level: Standard

Weight: 0

This course is offered as a blended learning model with personalized online learning with teacher-directed instruction to increase reading achievement. The program serves students identified with dyslexia. Students who are served earn a Reading Improvement state elective credit.

11220H ENGLISH I CP

Service ID: 03220100

Lowest Grade Placement: 9

Credit: 1

Level: CP

Weight: 5

This course is designed to embody the interconnected nature of listening, speaking, reading, writing, and thinking. Students are expected to engage in meaningful and respectful discourse. Students will write error-free compositions in various modes of writing. Students will read and analyze literary elements within and across increasingly complex, traditional, contemporary, and diverse literary texts, and they will analyze texts from multiple genres to recognize and analyze genre-specific characteristics, structures and purposes. Students will read extensive literary works from classical to contemporary literature as well as informational texts on various topics. Students will conduct independent inquiry for a research paper.

NOTE: This course is STAAR End of Course (EOC) tested and required for graduation. Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).

11320H ENGLISH I PRE-AP**Service ID: 03220100****Lowest Grade Placement: 9****Credit: 1****Level: Honors****Weight: 10**

This advanced course challenges the abilities and meets the needs of academically talented college-bound students. The purpose of the course is to provide accelerated study in listening, speaking, reading and writing in English. The course emphasizes the study of composition, grammar, vocabulary development, critical reading skills and analysis in both ancient and contemporary literature. Literature as a reflection of history and culture is emphasized.

NOTE: Students will participate, prior to enrollment, in outside reading including assigned summer readings and literary analysis. This advanced course also serves the identified gifted/talented student. This course is STAAR End of Course (EOC) tested and required for graduation. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

11520B ENGLISH MYP YEAR 4 (ENGLISH I MYP)**Service ID: 03220100****Lowest Grade Placement: 9****Credit: 1****Level: Honors****Weight: 10**

This one-year advanced course is designed to meet the Language and Literature Year 4 requirement for the IB/MYP certificate, as well as the English I requirements of the state of Texas. This course focuses on the six skill areas of listening, speaking, reading, writing, viewing, and presenting, centered within an inquiry-based environment that provides students with opportunities to investigate independently and collaboratively, take action, and reflect. The course equips students with linguistic, analytical, and communicative skills. Specifically, the course includes the writing process, literary analysis, group and individual oral activities, a survey of world literature, visual/viewing skills, and linguistic and literary terminology. This course prepares students for the IB Diploma Programme.

NOTE: This course is STAAR End of Course (EOC) tested and required for graduation. This advanced course also serves the identified gifted/talented student. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

12220H ENGLISH II CP**Service ID: 03220200****Lowest Grade Placement: 10****Credit: 1****Prerequisite: English I****Level: CP****Weight: 5**

This course is designed to embody the interconnected nature of listening, speaking, reading, writing, and thinking. Students are expected to engage in meaningful and respectful discourse. Students will write error-free compositions in various modes of writing. Students will read and analyze literary elements within and across increasingly complex, traditional, contemporary, and diverse literary texts, and they will analyze texts from multiple genres to recognize and analyze genre-specific characteristics, structures and purposes. Students will read extensive literary works from

classical to contemporary literature as well as informational texts on various topics. Students will conduct independent inquiry for a research paper.

NOTE: This course is STAAR End of Course (EOC) tested and required for graduation. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

12320H ENGLISH II PRE-AP

Service ID: 03220200

Lowest Grade Placement: 10

Credit: 1

Prerequisite: English I Pre-AP

Level: Honors

Weight: 10

This advanced course is designed to meet the needs of college-bound students who want an accelerated course. The purpose of the course is to provide accelerated study in listening, speaking, reading and writing in English. Students will take an in-depth look at stylistic devices of a variety of complex texts. The student is expected to participate in class discussions and oral presentations.

NOTE: Students will participate in outside reading including assigned summer readings and literary analysis. This advanced course also serves the identified gifted/talented student. This course is STAAR End of Course (EOC) tested and required for graduation. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

12520B ENGLISH MYP YEAR 5 (ENGLISH II MYP)

Service ID: 03220200

Lowest Grade Placement: 10

Credit: 1

Prerequisite: MYP English Year 4

Level: Honors

Weight: 10

This one-year advanced course is designed to meet the Language and Literature Year 5 requirement for the IB/MYP certificate, as well as the English II requirements of the state of Texas. This course focuses on the six skill areas of listening, speaking, reading, writing, viewing, and presenting, centered within an inquiry-based environment that provides students with opportunities to investigate independently and collaboratively, take action, and reflect. The course equips students with linguistic, analytical, and communicative skills. Specifically, the course includes the writing process, literary analysis, group and individual oral activities, a survey of world literature, visual/viewing skills, and linguistic and literary terminology. This course prepares students for the IB Diploma Programme.

NOTE: This advanced course also serves the identified gifted/talented student. This course is STAAR End of Course (EOC) tested and required for graduation. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

13220H ENGLISH III CP

Service ID: 03220300

Lowest Grade Placement: 11

Credit: 1

Prerequisite: English II

Level: CP

Weight: 5

This course is designed to embody the interconnected nature of listening, speaking, reading, writing, and thinking. Students are expected to engage in meaningful and respectful discourse. Students will write error-free compositions in various modes of writing. Students will read and analyze literary elements within and across increasingly complex, traditional, contemporary, and diverse literary texts, and they will analyze texts from multiple genres to recognize and analyze genre-specific characteristics, structures and purposes. Students will read extensive literary works from classical to contemporary literature as well as informational texts on various topics. Students will conduct independent inquiry for a research paper.

Note: *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

13520H ADVANCED PLACEMENT (AP) ENGLISH LANGUAGE AND COMPOSITION

Service ID: A3220100

Lowest Grade Placement: 11

Credit: 1

Prerequisite: English II

Recommended Prerequisite: Pre-AP English I & II

Level: Advanced

Weight: 13

This advanced course is designed as a college-level course, which will prepare students to take the English Language and Composition Advanced Placement Examination. A good performance on this exam may secure college credit and/or advanced placement in college. Students will study selections of prose and expository writing from a variety of texts as models of effective styles and sources for a variety of writing assignments, including research assignments. The understanding of the elements of effective writing will enable students to become effective writers using the semantic, structural and rhetorical resources of language. Students will also do extensive literary and critical analysis with a variety of literary selections.

NOTE: Students will do outside readings including assigned summer reading. Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

13521D ENGLISH III STC DUAL ENROLLMENT

Service ID: 03220300

Lowest Grade Placement: 11

Credit: 0.5

College Credit: ENGL 1301 Composition (3 college hours)

Prerequisite: English I, II, and TSIA2 Complete

Level: Advanced

Weight: 13

This course is an intensive study of and practice in writing processes, from invention and research to drafting, revision, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning,

communicating, and critical analysis.

NOTE: Students may challenge the AP English Language Exam. This course is the first part of a two-semester course. This advanced course also serves the identified gifted/talented student. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

13522D ENGLISH III STC DUAL ENROLLMENT

Service ID: 03220300

Lowest Grade Placement: 11

Credit: 0.5

College Credit: ENGL 1302 Rhetoric (3 college hours)

Prerequisite: English I, II, and TSIA2 Complete

Level: Advanced

Weight: 13

This course is an intensive study of and practice in the strategies and techniques for developing research-based expository, argumentative, and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

NOTE: Students may challenge the AP English Language Exam. This course is the second part of a two-semester course. This advanced course also serves the identified gifted/talented student. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

13521U ENGLISH III ONRAMPS DUAL ENROLLMENT

Service ID: 03220300

Lowest Grade Placement: 11

Credit: 0.5

College Credit: Research and Writing RHE 306K/English 1301 (3 college hours)

Prerequisite: English I and II, and Teacher Recommendation

Level: Advanced

Weight: 13

This first-year college writing course aims to prepare students to become more effective in analyzing and producing arguments. It does so by articulating and having students practice well-established principles of rhetoric and argumentation. In particular, we examine arguments about American identity and identity formation – both personal and cultural. Students will analyze and produce arguments concerning gender, race, and ethnicity, and consider how these aspects of our selves relate to an individual's identity as an American. The goal is to foster students' abilities to analyze arguments presented by others, and to write sound and effective arguments of their own – an ability that will enhance your academic, professional, personal, and civic lives. Rhetoric is a lens that can be used to analyze any topic, and in this course, students will be introduced to rhetoric as an object of study, and students will use rhetoric to study the many and varied ways that we position ourselves as individuals within American culture. Students receive high school credit for AP English Language and Composition and potential college credit.

NOTE: This course is the first part of a two-semester course. This advanced course served identified gifted/talented students. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

McAllen ISD Requirements: Parent meeting, summer reading, summer onboarding

13522U ENGLISH III ONRAMPS DUAL ENROLLMENT**Service ID: 03220300****Lowest Grade Placement: 11****Credit: 0.5****College Credit: Rhetoric and Composition RHE 309K/English 1302 (3 college hours)****Prerequisite: English I and II, and Teacher Recommendation****Level: Advanced****Weight: 13**

This first-year college writing course aims to prepare students to become more effective in analyzing and producing arguments. It does so by articulating and having students practice well-established principles of rhetoric and argumentation. In particular, we examine arguments about American identity and identity formation – both personal and cultural. Students will analyze and produce arguments concerning gender, race, and ethnicity, and consider how these aspects of our selves relate to an individual's identity as an American. The goal is to foster students' abilities to analyze arguments presented by others, and to write sound and effective arguments of their own – an ability that will enhance your academic, professional, personal, and civic lives. Rhetoric is a lens that can be used to analyze any topic, and in this course, students will be introduced to rhetoric as an object of study, and students will use rhetoric to study the many and varied ways that we position ourselves as individuals within American culture. Students receive high school credit for AP English Language and Composition and potential college credit.

NOTE: This course is the second part of a two-semester course. This advanced course served identified gifted/talented students. Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).

McAllen ISD Requirements: Parent meeting, summer reading, summer onboarding**13550B INTERNATIONAL BACCALAUREATE (IB) ENGLISH LITERATURE HL Y1 (ENGLISH III)****Service ID: I3220800****Lowest Grade Placement: 11****Credit: 1****Prerequisite: Pre-AP English II or MYP English Year 5****Level: Advanced****Weight: 13**

This advanced course is the first year of the two-year English A: Literature course designed to meet the Higher Level requirements for the IB Diploma as well as those for English III by the state of Texas. English A: Literature is the study of English through the in-depth analysis of literary works of both an international flavor/works in translation and works studied in English representing the four literary forms, various genres, time periods, and cultures. During this school year, students will begin their study of the four main literary forms and the literary techniques that create them and the seven literature themes established through the IB course curriculum. In addition, the study of these forms will be done through the IB Areas of Exploration: Readers, writers, and texts, Time and space, and Intertextuality: connecting texts. During this year, the students will complete their IB internal assessment (IA), which is an individual oral presentation. Students are required to analyze, compare, and contrast two literary passages from two works studied this year while also proving how the two passages connect to a global issue of their choice in fifteen minutes. The oral presentation is internally assessed and externally moderated toward the end of the junior year. This internal assessment counts for 30% of the SL diploma score for the course and 20% toward the HL diploma score.

NOTE: This advanced course serves the identified gifted/talented student. Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).

14220H ENGLISH IV CP**Service ID: 03220400****Lowest Grade Placement: 12****Credit: 1****Prerequisite: English I, II, III****Level: CP****Weight: 5**

This course is designed to embody the interconnected nature of listening, speaking, reading, writing, and thinking. Students are expected to engage in meaningful and respectful discourse. Students will write error-free compositions in various modes of writing. Students will read and analyze literary elements within and across increasingly complex, traditional, contemporary, and diverse literary texts, and they will analyze texts from multiple genres to recognize and analyze genre-specific characteristics, structures and purposes. Students will read extensive literary works from classical to contemporary literature as well as informational texts on various topics. Students will conduct independent inquiry for a research paper.

Note: Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).

14521D ENGLISH IV STC DUAL ENROLLMENT**Service ID: 03220400****Lowest Grade Placement: 12****Credit: 0.5****College Credit: ENGL 1301 Composition or ENGL 2321 British Literature (3 college hours)****Prerequisite: English I, II, III and TSIA2 Complete****Level: Advanced****Weight: 13**

English 1301: Composition I - This course is an intensive study of and practice in writing processes, from invention and research to drafting, revision, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

Note: This course is only for students who have no previous Dual Enrollment credit or AP English Lang exam credit. This course is the first part of a two-semester course. This advanced course serves identified gifted/talented students. Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).

14522D ENGLISH IV STC DUAL ENROLLMENT**Service ID: 03220400****Lowest Grade Placement: 12****Credit: 0.5****College Credit: ENGL 1302 Rhetoric or ENGL 2341 Intro to Forms of Literature (3 college hours)****Prerequisite: English I, II, III and TSI Complete in Reading and Writing****Level: Advanced****Weight: 13**

English 1302: Composition II/ Rhetoric - This course is an intensive study of and practice in the strategies and techniques for developing research-based expository, argumentative, and persuasive texts. Emphasis on effective and ethical rhetorical

inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

Note: This course is only for students who have no previous Dual Enrollment credit or AP English Lang exam credit. This course is the second part of a two-semester course. This advanced course serves identified gifted/talented students. Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).

14520H ADVANCED PLACEMENT (AP) ENGLISH LITERATURE AND COMPOSITION

Service ID: A3220200

Lowest Grade Placement: 12

Credit: 1

Prerequisite: English III

Recommended Prerequisite: AP English Language and Composition

Level: Advanced

Weight: 13

This advanced course is designed as a college-level course, which will prepare students to take the English Literature and Composition Advanced Placement Exam. A good performance on this exam may secure a college credit and/or advanced placement in college. Students will study selections of prose and poetry from world literature as sources for a variety of writing assignments including research assignments. Students will also do extensive literary and critical analysis of a variety of literary selections.

NOTE: Students will do outside reading including assigned summer reading. Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

14521U ENGLISH IV ONRAMPS DUAL ENROLLMENT

Service ID: 03220400

Lowest Grade Placement: 12

Credit: 0.5

College Credit: ENGL 1301 Composition (3 college hours)

Prerequisite: English I, II, III and Teacher Recommendation

Level: Advanced

Weight: 13

This first-year college writing course aims to prepare students to become more effective in analyzing and producing arguments. It does so by articulating and having students practice well-established principles of rhetoric and argumentation. In particular, we examine arguments about American identity and identity formation – both personal and cultural. Students will analyze and produce arguments concerning gender, race, and ethnicity, and consider how these aspects of our selves relate to an individual's identity as an American. The goal is to foster students' abilities to analyze arguments presented by others, and to write sound and effective arguments of their own – an ability that will enhance your academic, professional, personal, and civic lives. Rhetoric is a lens that can be used to analyze any topic, and in this course, students will be introduced to rhetoric as an object of study, and students will use rhetoric to study the many and varied ways that we position ourselves as individuals within

American culture. Students receive high school credit for English IV and potential college credit.

Note: This course is only for students who have no previous Dual Enrollment Credit or AP English Lang Exam credit. This course is the first part of a two-semester course. This advanced course serves identified gifted/talented students. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

14522U ENGLISH IV ONRAMPS DUAL ENROLLMENT

Service ID: 03220400

Lowest Grade Placement: 12

Credit: 0.5

College Credit: ENGL 1302 Rhetoric (3 college hours)

Prerequisite: English I, II, III and Teacher Recommendation

Level: Advanced

Weight: 13

This first-year college writing course aims to prepare students to become more effective in analyzing and producing arguments. It does so by articulating and having students practice well-established principles of rhetoric and argumentation. In particular, we examine arguments about American identity and identity formation – both personal and cultural. Students will analyze and produce arguments concerning gender, race, and ethnicity, and consider how these aspects of our selves relate to an individual's identity as an American. The goal is to foster students' abilities to analyze arguments presented by others, and to write sound and effective arguments of their own – an ability that will enhance your academic, professional, personal, and civic lives. Rhetoric is a lens that can be used to analyze any topic, and in this course, students will be introduced to rhetoric as an object of study, and students will use rhetoric to study the many and varied ways that we position ourselves as individuals within American culture. Students receive high school credit for English IV and potential college credit.

Note: This course is only for students who have no previous Dual Enrollment Credit or AP English Lang Exam credit. This course is the second part of a two-semester course. This advanced course serves identified gifted/talented students. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

14550B INTERNATIONAL BACCALAUREATE (IB) ENGLISH LITERATURE HL Y2 (English IV)

Service ID: I3220800

Lowest Grade Placement: 12

Credit: 1

Prerequisite: International Baccalaureate English Literature HL Y1

Level: Advanced

Weight: 13

This advanced course is the second year of the two-year English A: Literature course, and is designed to meet the Higher Level requirement for the IB Diploma, as well as the English IV requirements of the state of Texas. English A: Literature is the study of English through the in-depth analysis of literary works of both an international flavor/works in translation and works written originally in English representing the four literary forms, various genres, time periods, and cultures that create them and the seven literature themes established through the IB course curriculum. The focus is on the written analysis of the artistry of the literature studied throughout a minimum of 13 approved IB works. Students will continue their study of the areas of exploration Readers, writers, and texts, Time and space, and Intertextuality: connecting texts to complete their three final IB assessments. These assessments are externally assessed and are weighted at 80% of the diploma score. Students will complete a 1200-1500-word Higher Level Essay

based on one work they have studied throughout the two-year course (20%). This assessment will begin during the fall semester of senior year and will be completed by spring break in March. In May, the senior year, students will sit to complete Paper I: Guided literary analysis, which consists of two literary passages, from two different literary forms, with a specific literary analysis question. Students respond to both questions (35%). In addition, students will complete Paper 2: Comparative Essay that is a response to a literary question in which the student compares two works studied throughout the two-year course (25%).

NOTE: College credit may be granted for scores on this exam. Students will do outside reading including assigned summer reading. This advanced course also serves the identified gifted/talented student. *Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5).*

17013D COMMUNICATON APPLICATIONS DUAL ENROLLMENT

Service ID: 03241400

Lowest Grade Placement: 11

Credit: 0.5

College Credit: STC SPCH1311 (3 college hours)

Level: Advanced (Entering Cohort 2018-2019)

Weight: 13 points

This course introduces basic human communication principles and theories embedded in a variety of contexts including interpersonal, small group, and public speaking. Students will identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. The student demonstrates knowledge of various communication processes as well as uses appropriate interpersonal communication strategies and communicates effectively in groups and in professional and social contexts. Additionally, the student makes and evaluates formal and informal professional presentations.

NOTE: This course may be eligible for Dual Credit opportunities subject to specific requirements. This advanced course also serves the identified gifted/talented student. This course is only offered at McAllen High School.

17713D PUBLIC SPEAKING I DUAL ENROLLMENT

Service ID: 03240900

Lowest Grade Placement: 11

Credit: 0.5

College Credit: STC SPCH 1315 (3 college hours)

Level: Advanced (Entering Cohort 2018-2019)

Weight: 13 points

This course covers the application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, and ethics of communication, cultural diversity and speech organizational techniques to develop students' speaking abilities, as well as ability to evaluate oral presentations. Students must learn the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating the messages of others. Within this process, students will gain skills in reading, writing, speaking, listening, and thinking and will examine areas such as invention, organization, style, memory, and delivery. The student traces the development of the rhetorical perspective, recognizes and analyzes varied speech forms, plans speeches, organizes speeches, and uses valid proofs and appeals in speeches. Moreover, the student develops skills in using oral language in public speeches, uses appropriate strategies for rehearsing and presenting speeches, and analyzes and evaluates speeches.

NOTE: This course may be eligible for Dual Credit opportunities subject to specific requirements. This advanced course also serves the identified gifted/talented student. This course is only offered at McAllen High School.

19000H COLLEGE PREPARATORY ENGLISH LANGUAGE ARTS (HB5)**Service ID: CP110100****Lowest Grade Placement: 12****Credit: 1****Level: CP****Weight: 5**

This course is created in partnership with at least one institute of higher education to assist students with meeting college readiness in ELA. It is designed for students at the 12th grade whose performance on coursework or college entrance exams indicates that they may need additional support to perform entry-level college coursework. These courses are for 12th grade students who do not meet the college-readiness standards on an EOC assessment, or whose coursework, college entrance exam, or TSI assessment score indicates the student is not ready for entry-level college coursework and to prepare students for success in entry-level college courses. A student who successfully completes with a 70 or better the English Language Arts (CP110100) and an assessment created by the IHE course developed under this section may use the credit earned in the course toward satisfying the advance English language arts curriculum requirements for the foundation high school program under Section 28.025(b-1) (1).

Note: Successful completion of this course will satisfy the Speech requirement for the Foundation High School Program (HB5). McAllen ISD has a partnership with the following institutions of higher education only: UTRGV, STC, TSTC, TSC, Laredo College, and TAMU. This course does NOT satisfy the requirements under NCAA as an approved English course.

Mathematics

21220H ALGEBRA I CP

Service ID: 03100500

Lowest Grade Placement: 9

Credit: 1

Level: CP

Weight: 5

This course will build on the knowledge from Grades 6 – 8. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences and laws of exponents, generate and solve linear systems with two equations and create new functions through transformations.

Note: This course is STAAR End of Course (EOC) tested and required for graduation.

21320H ALGEBRA I PRE-AP

Service ID: 03100500

Lowest Grade Placement: 9

Credit: 1

Level: Honors

Weight: 10

This advanced course incorporates the study of linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. In addition, this course provides for the expansion, acceleration and an in-depth study of algebra. Enrichment topics and in-depth study incorporates Pre-AP expectations to make this course challenging for those mathematically talented students. The TEKS are expanded to include the use of technology and algebraic applications for geometry to establish a foundation, for Pre-Calculus Pre-AP.

Note: This course is STAAR End of Course (EOC) tested and required for graduation. This advanced course also serves the identified gifted/talented student.

21520B MYP ALGEBRA I

Service ID: 03100500

Lowest Grade Placement: 9

Credit: 1

Level: Honors

Weight: 10

This one-year advanced course is designed to meet the 1st year Mathematics requirement for the IB MY Certificate, as well as the Algebra 1 requirement of the state of Texas. The MYP structures the learning of mathematics through inquiry by developing conceptual understanding in global contexts. Topics include representations of relations and functions, operations with real numbers, linear equations and inequalities, systems of equations and inequalities, exponents and polynomials, factoring polynomials, quadratic functions and equations, exponential functions, and direct and inverse variation. In addition, MYP Algebra 1 provides a formal development of the algebraic skills and concepts necessary for students to succeed in the IB Diploma Programme and include graphing calculator technology

and an inter-disciplinary approach using real-life contexts.

NOTE: This course is STAAR End of Course (EOC) tested and required for graduation. This advanced course also serves the identified gifted/talented student.

22220H GEOMETRY CP

Service ID: 03100700

Lowest Grade Placement: 9

Credit: 1

Recommended Prerequisite: Algebra I credit

Level: CP

Weight: 5

This course provides for the study of geometric figures of two and three-dimensional figures. Students will explore concepts covering coordinate and transformational geometry, create formal constructions, and make formal arguments, proof and congruence. Students are taught to see relationships between geometric figures and apply their knowledge. Students will also apply theorems about circles to determine relationships between segments and angles. Graphing calculator will be utilized.

22320H GEOMETRY PRE-AP

Service ID: 03100700

Lowest Grade Placement: 9

Credit: 1

Recommended Prerequisite: Algebra I credit

Level: Honors

Weight: 10

This advanced course provides content similar to that offered in the Geometry CP course. The TEKS are extended to provide a foundation for Algebra II. Enrichment topics and in-depth study incorporates Pre-AP expectations to make this course challenging for those mathematically talented students. Among the enrichment topics introduced are logic (valid and invalid deductions), indirect proofs, transformational geometry, vector geometry and non-Euclidean geometry, which helps to establish a foundation for later understanding of Calculus (AP) concepts. This course includes the use of graphing calculator technology.

NOTE: This advanced course also serves the identified gifted/talented student.

22520B MYP GEOMETRY

Service ID: 03100700

Lowest Grade Placement: 9

Credit: 1

Recommended Prerequisite: Algebra I credit

Level: Honors

Weight: 10

This advanced one-year advanced course is designed to meet the 1st or 2nd year Mathematics requirement for the IB MYP Certificate, as well as the Geometry requirement for the state of Texas. The MYP structures the learning of mathematics through inquiry by developing conceptual understanding in global contexts. This course enhances

spatial reasoning, which includes Foundations of Geometry, Euclidean Geometry, transformational Geometry, properties and attributes of polygons & circles, Trigonometry, extending circumference, perimeter & area, and coordinate & solid Geometry. In addition, MYP Geometry provides a formal development of the geometric skills and concepts necessary for students to succeed in advanced courses, such as the IB Diploma Programme, and includes graphing calculator technology and an interdisciplinary approach using real-life contexts.

NOTE: This advanced course serves the identified gifted/talented student.

23220H ALGEBRA II CP

Service ID: 03100600

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Algebra I credit

Recommended Prerequisite: Geometry

Level: CP

Weight: 5

This course expands their knowledge of quadratic functions, exponential functions, and systems of linear equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions and their equations. The students will also connect functions to their inverses, associated equations, and extend their knowledge of data analysis and algebraic methods. The course is intended to prepare you for Pre-Calculus CP. This course includes the use of graphing calculator technology.

23320H ALGEBRA II PRE-AP

Service ID: 03100600

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Algebra I credit

Recommended Prerequisite: Geometry

Level: Honors

Weight: 10

This advanced course will expand students' knowledge of quadratic functions, exponential functions, and systems of linear equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions and their equations. The students will also connect functions to their inverses, associated equations, and extend their knowledge of data analysis and algebraic methods. The TEKS are extended to prepare students for critical thinking assessments as well as Precalculus Pre-AP. This course includes the use of graphing calculator technology.

NOTE: This advanced course also serves the identified gifted/talented student.

23520U ALGEBRA II ONRAMPS DUAL ENROLLMENT

Service ID: 03100600

Lowest Grade Placement: 9

Credit: 1

College Credit: College Algebra 1314 (3 college hours)

Prerequisite: Algebra I PRE-AP and Geometry Pre-AP

Level: Advanced

Weight: 13

In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic.

NOTE: This advanced course also serves the identified gifted/talented student.

23520B MYP ALGEBRA II

Service ID: 03100600

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Algebra I credit

Recommended Prerequisite: Geometry

Level: Honors

Weight: 10

This one-year advanced course is designed to meet the second-year mathematics requirement for the IB MYP certificate, as well as the Algebra 2 requirement of the State of Texas. The MYP structures the learning of mathematics through inquiry by developing conceptual understanding in global contexts. Students will study various functions in order to model mathematical situations in real-life contexts. In addition to the study of linear, absolute value, quadratic, exponential, radical, rational, cubic and logarithmic functions, MYP Algebra 2 students will learn linear programming, use of matrices, and statistics and probability concepts and skills. This course prepares students for the IB Diploma Programme and includes the use of graphing calculator technology.

NOTE: This advanced course serves the identified gifted/talented student.

24220H PRECALCULUS CP

Service ID: 03101100

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Geometry and Algebra II credit

Level: CP

Weight: 5

This advanced course is the preparation for Calculus. It deepens student's math understanding and fluency between Algebra and Trigonometry. Students investigate the nature of the graphs of polynomials, rational, trigonometric, exponential and logarithmic functions. This course will also include trigonometric equations, vector and parametric equations and their applications, conics (including parabola, ellipse, circle and hyperbolas) and complex numbers, sequences and series. The TEKS are extended to prepare students for critical thinking assessments. This course includes the use of graphing calculator technology.

Note: This course satisfies the fourth-year math requirement.

24320H AP PRECALCULUS

Service ID: A3100100

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Geometry and Algebra II credit

Level: Advanced

Weight: 13

In AP Precalculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. AP Precalculus prepares students for higher-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. This course prepares students for the AP Precalculus exam and provides a firm foundation for those who wish to take AP Calculus in High School or Calculus in College.

Note: Students are required to take the AP exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course satisfies the fourth – year math requirement.

24320B MYP PRECALCULUS

Service ID: 03101100

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Pre-AP /MYP Geometry and Pre-AP /MYP Algebra II

Level: Honors

Weight: 10

This advanced, one-year academic course is designed to meet the 1st or 2nd year mathematics requirement for the IB MYP Certificate and will prepare students to take mathematics courses in the IB DP Programme. This course focuses on the study of algebra, geometry, trigonometry, and other topics to further prepare students for calculus courses. Topics being covered throughout this course include trigonometric and inverse trigonometric functions, vector geometry, polar and parametric equations, polynomials, sequences and series, logarithmic and exponential functions, and may include the study of limits, probability and statistics, and mathematical induction. This course includes the use of graphing calculator technology.

Note: This advanced course serves the identified gifted/talented student.

24521D PRECALCULUS STC DUAL ENROLLMENT

Service ID: 03101100

Lowest Grade Placement: 10

Credit: 0.5

College Credit: MATH 1414 College Algebra (4 college hours)

Prerequisite: Geometry Pre-AP and Algebra II Honors, Teacher Recommendation, and TSIA2 Complete

Level: Advanced

Weight: 13

Through Precalculus, students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses, so they can successfully work with the concepts in a rigorous university – level Calculus course. This course is designed to push students well beyond “drill” type exercises with an emphasis on unpacking mathematical definitions and making logical arguments to their peers.

NOTE: This course is the first part of a two-semester course. This advanced course serves the identified gifted/talented student.

24522D PRECALCULUS STC DUAL ENROLLMENT**Service ID: 03101100****Lowest Grade Placement: 10****Credit: 0.5****College Credit: MATH 2412 Precalculus (4 college hours)****Prerequisite: Geometry Pre-AP and Algebra II Honors, Teacher Recommendation, and TSIA2 Complete****Level: Advanced****Weight: 13**

Through Precalculus, students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses, so they can successfully work with the concepts in a rigorous university – level Calculus course. This course is designed to push students well beyond “drill” type exercises with an emphasis on unpacking mathematical definitions and making logical arguments to their peers.

NOTE: This course is the second part of a two-semester course. This advanced course serves the identified gifted/talented student.

24520U PRECALCULUS ONRAMPS DUAL ENROLLMENT**Service ID: 03101100****Lowest Grade Placement: 10****Credit: 1****College Credit: Math 2312 Precalculus****Prerequisite: Geometry Pre-AP, Algebra II Honors, and Teacher Recommendation****Level: Advanced****Weight: 13**

Through discovery Precalculus, students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university- level calculus course. This course is designed to push students well beyond “drill” type exercises with an emphasis on unpacking mathematical definitions and making logical arguments to their peers.

NOTE: This advanced course serves the identified gifted/talented student.

25320H ADVANCED PLACEMENT (AP) CALCULUS AB**Service ID: A3100101****Lowest Grade Placement: 10****Credit: 1****Prerequisite: Precalculus Honors****Level: Advanced****Weight: 13**

This course is for the advanced math course in a five-year math program. This is a college-level mathematics course for which most colleges and universities grant advanced placement and or college credit. The course will cover all topics in freshman college calculus and additional topics required for the AP Calculus AB exam given in the spring. Among the topics are functions, graphs and limits; derivatives and their applications; and integrals and their applications. This course is taught from an algebraic and geometric approach with technology used regularly to reinforce the relationships among the multiple representations. During the course AP Calculus, exam questions are

correlated to the subject matter. This course prepares the student for the AP Calculus AB exam and provides a firm foundation for those who wish to take the AP Calculus BC course /exam the following year.

Note: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course satisfies the fourth-year math requirement.

25320D ADVANCED PLACEMENT (AP) CALCULUS AB STC DUAL ENROLLMENT

Service ID: A3100101

Lowest Grade Placement: 10

Credit: 1

College Credit: MATH 2413 (4 college hours)

Prerequisite: Precalculus Honors

Level: Advanced

Weight: 13

This course is for the advanced math course in a five-year math program. This is a college-level mathematics course for which most colleges and universities grant advanced placement and or college credit. The course will cover all topics in freshman college calculus and additional topics required for the AP Calculus AB exam given in the spring. Among the topics are functions, graphs and limits; derivatives and their applications; and integrals and their applications. This course is taught from an algebraic and geometric approach with technology used regularly to reinforce the relationships among the multiple representations. During the course AP Calculus, exam questions are correlated to the subject matter. This course prepares the student for the AP Calculus AB exam and provides a firm foundation for those who wish to take the AP Calculus BC course /exam the following year.

Note: Only the second semester of this course is taken for dual credit. Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course satisfies the fourth-year math requirement.

25420H ADVANCED PLACEMENT (AP) CALCULUS BC

Service ID: A3100102

Lowest Grade Placement: 10

Credit: 1

Recommended Prerequisite: Precalculus Honors

Level: Advanced

Weight: 13

This advanced course is for the advanced math student in a five-year math program and is intended to prepare students for taking the BC portion of the advanced placement test. All Calculus AB topics will be extended. Additional topics include analysis and applications of planar curves; integration by parts, partial fractions, and improper integrals; infinite series as well as other topics including differential equations, Slope Fields, Euler Method and Taylor series approximations. This course is taught from an algebraic, numeric and geometric approach.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course satisfies the fourth-year math requirement.

25420D ADVANCED PLACEMENT (AP) CALCULUS STC BC DUAL**Service ID: A3100102****Lowest Grade Placement: 10****Credit: 1****College Credit: MATH 2414 (4 college hours)****Recommended Prerequisite: Precalculus Honors****Level: Advanced****Weight: 13**

This advanced course is for the advanced math student in a five-year math program and is intended to prepare students for taking the BC portion of the advanced placement test. All Calculus AB topics will be extended. Additional topics include analysis and applications of planar curves; integration by parts, partial fractions, and improper integrals; infinite series as well as other topics including differential equations, Slope Fields, Euler Method and Taylor series approximations. This course is taught from an algebraic, numeric and geometric approach.

NOTE: Only the second semester of this course is taken for dual credit. Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course satisfies the fourth-year math requirement.

26510B IB MATHEMATICS: APPLICATIONS AND INTERPRETATIONS SL Y1**Service ID: I3100700****Lowest Grade Placement: 11****Credit: 1****Recommended Perquisite: MYP Algebra II****Level: Advanced****Weight: 13**

This course is designed for students who enjoy describing the real world and solving practical problems using mathematics, those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy the more practical side of mathematics. This class is most similar to the current Mathematical Studies SL course.

Note: The TEKS for Algebra II will be met within this course. This advanced course also serves identified gifted/talented students.

26520B IB MATHEMATICS: APPLICATIONS AND INTERPRETATIONS SL Y2**Service ID: I3100700****Lowest Grade Placement: 12****Credit: 1****Recommended Perquisite: IB Mathematics: Applications and Interpretations SL Y1****Level: Advanced****Weight: 13**

This course is designed for students who enjoy describing the real world and solving practical problems using mathematics, those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy the more practical side of mathematics. This class is most similar to the current Mathematical Studies SL course.

Note: This advanced course also serves identified gifted/talented students.

26530B IB MATHEMATICS: APPLICATIONS AND INTERPRETATIONS HL**Service ID: I3100800****Lowest Grade Placement: 12****Credit: 1****Recommended Prerequisite: IB Mathematics: Applications & Interpretations SL Y1****Level: Advanced****Weight: 13**

This course is designed for students who enjoy describing the real world and solving practical problems using mathematics, those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy the more practical side of mathematics. This course will include new content, including statistics. It is intended to meet the needs of students whose interest in mathematics is more practical than theoretical but seek more challenging content.

Note: This advanced course serves identified gifted/talented students.

26610B IB MATHEMATICS: ANALYSIS AND APPROACHES SL Y1**Service ID: I3100500****Lowest Grade Placement: 11****Credit: 1****Recommended Prerequisite: MYP Algebra II****Level: Advanced****Weight: 13**

This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; it is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. This class is most similar to the current Mathematics SL course.

Note: This advanced course serves identified gifted/talented students.

26620B IB MATHEMATICS: ANALYSIS AND APPROACHES SL Y2**Service ID: I3100500****Lowest Grade Placement: 12****Credit: 1****Recommended Prerequisite: IB Mathematics: Analysis and Approaches SL Y1****Level: Advanced****Weight: 13**

This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; it is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. This class is most similar to the current Mathematics SL course.

Note: This advanced course serves identified gifted/talented students.

26630B IB MATHEMATICS ANALYSIS AND APPROACHES HL**Service ID: I3100600****Lowest Grade Placement: 12****Credit: 1****Recommended Prerequisite: IB Mathematics Analysis & Approaches SL Y1****Level: Advanced****Weight: 13**

This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; it is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. This class is most similar to the current Mathematics HL course.

Note: This advanced course serves identified gifted/talented students.

26120H MATHEMATICAL MODELS WITH APPLICATIONS**Service ID: 03102400****Lowest Grade Placement: 10****Credit: 1****Prerequisite: Algebra I****Recommended Prerequisite: Geometry****Level: CP****Weight: 5**

This course prepares students for success in Algebra II. It is recommended that students who plan to take this course take it prior to taking Algebra II. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Students use mathematical models from algebra, geometry, probability, and statistics tools, and technology.

NOTE: This course does not meet STEM Endorsement requirements.

27210H STATISTICS**Service ID: 03102530****Lowest Grade Placement: 10****Credit: 1****Prerequisite: Algebra I****Recommended Prerequisite: Algebra II****Level: CP****Weight: 5**

This course will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis.

27220H ADVANCED PLACEMENT (AP) STATISTICS**Service ID: A3100200****Lowest Grade Placement: 10**

Credit: 1

Prerequisite: Algebra II and Geometry

Level: Advanced

Weight: 13

This advanced course is an option for students who have successfully completed the Algebra II course. The topics covered include use of graphical and numerical techniques to study patterns in data; formulating data collection plans; using probability as a tool for anticipating distribution of data; and use of inferential and diagnostic methods to select appropriate models. This course prepares students for the SAT and ACT as well as all AP/IB courses.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course satisfies the fourth-year math requirement. This course is also offered at AECHS/IB Lamar.

27520D STATISTICS STC DUAL ENROLLMENT

Service ID: 03102530

Lowest Grade Placement: 10

Credit: 1

College Credit: Math 1442 (4 college hours)

Prerequisite: Algebra II and Geometry, Teacher Recommendation, TSIA2 Complete

Level: Advanced

Weight: 13

Statistics is a dual-enrollment data analysis course for high school juniors and seniors seeking to develop the quantitative reasoning skills and habits of mind necessary to succeed in the higher education environment. This course will target conceptual understanding and hone highly relevant mathematical skills through scaffolded introduction to statistical methodologies, informal game play, and strategic lab exercises that engage students in hands-on analysis of real data. Valuable programming and coding skills are acquired as a means to conducting these analyses, giving students a solid foundation in data science. Team-based problem solving is highly valued, and assessments will guide students through self-reflective analyses of their own preparedness and depth of understanding.

NOTE: Only the second semester of this course is taken for dual credit. This advanced course serves identified gifted/talented students.

27520U STATISTICS ONRAMPS DUAL ENROLLMENT

Service ID: 03102530

Lowest Grade Placement: 10

Credit: 1

College Credit: Math 1342 or Statistics SDS 302

Prerequisite: Algebra II and Geometry and Teacher Recommendation

Level: Advanced

Weight: 13

OnRamps Statistics is a dual-enrollment data analysis course for high school juniors and seniors seeking to develop the quantitative reasoning skills and habits of mind necessary to succeed in the higher education environment. This course will target conceptual understanding and hone highly relevant mathematical skills through scaffolded introduction to statistical methodologies, informal game play, and strategic lab exercises that engage students in hands-on analysis of real data. Valuable programming and coding skills are acquired as a means to conducting these analyses, giving students a solid foundation in data science. Team-based problem solving is highly valued, and

assessments will guide students through self-reflective analyses of their own preparedness and depth of understanding.

NOTE: This advanced course serves identified gifted/talented students.

27420H ADVANCED QUANTITATIVE REASONING

Service ID: 03102510

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Algebra II and Geometry

Level: CP

Weight: 5

This advanced course is an engaging, relevant, and rigorous course that provides a strong background in statistics, as well as addressing interesting and important topics in finance, discrete math, trigonometry, probability, and other areas of mathematics. Students apply learning from algebra and geometry to demonstrate skills and to solve a variety of problems. As students do mathematics, they continually use problem solving, language and communication, connections within and outside mathematics, and reasoning.

NOTE: This course will meet STEM requirement and satisfies the fourth-year math requirement.

29150H AP COMPUTER SCIENCE A

Math Credit Service ID: A3580110

LOTE Credit Service ID: A3580120

Lowest Grade Placement: 10

Math Credit: 1

LOTE Credit: 1

Prerequisite: Algebra II

Level: Advanced (Math credit only)

Weight for Math Credit: 13

Weight for LOTE Credit: 0

The AP Computer Science A course introduces students to computer science with fundamental topics that include problem-solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasized both object-oriented and imperative problem-solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

Note: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student.

29150U COMPUTER SCIENCE ONRAMPS DUAL ENROLLMENT

Math Credit Service ID: A3580110

LOTE Credit Service ID: A3580120

Lowest Grade Placement: 10

Math Credit: 1

LOTE Credit: 1

Prerequisite: Algebra II

Level: Advanced (Math credit only)

Weight for Math Credit: 13

Weight for LOTE Credit: 0

Thriving in Our Digital World teaches computer science principles, a set of core ideas that shapes the landscape of computer science and its impact on our society. In addition to learning about the magic and beauty of computing, students will acquire essential Texas College and Career Readiness skills, applying critical thinking, problem solving, and communication within a project-based learning framework. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin.

Note: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course may earn college credit, serves the identified gifted/talented student and counts as a math credit for STEM endorsement.

29000H COLLEGE PREPARATORY MATHEMATICS (HB5)

Service ID: CP111200

Lowest Grade Placement: 12

Credit: 1

Prerequisite: Algebra II & Geometry

Level: CP

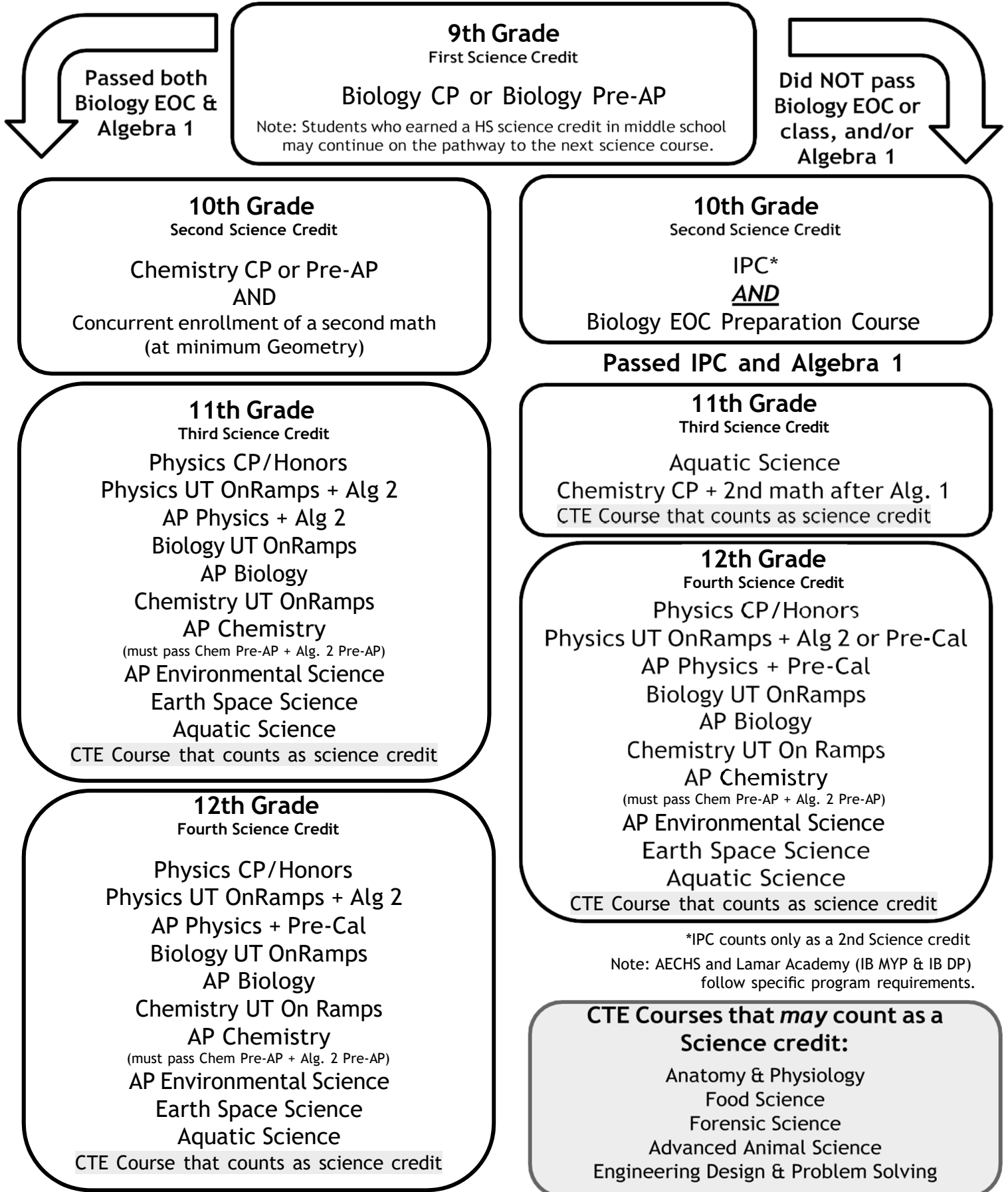
Weight: 5

This course is a fourth math credit that provides students a foundation for college math. This course is created in partnership with at least one institute of higher education to assist students with meeting college readiness in ELA. It is designed for students at the 12th grade whose performance on coursework or college entrance exams indicates that they may need additional support to perform entry-level college coursework. These courses are for 12th grade students who do not meet the college-readiness standards on an EOC assessment, or whose coursework, college entrance exam, or TSI assessment score indicates the student is not ready for entry-level college coursework and to prepare students for success in entry-level college courses. *A student who successfully completes both the mathematics course (CP111200) and the assessment created by the IHE with a 70 developed under this section may use the credit earned in the course toward satisfying an advanced mathematics curriculum requirement under Section 28.025 and for the foundation high school program under Section 28.025(b-1) (2) 28.014 (e).*

Note: Student must pass Algebra I EOC to enroll in this course and have received course credit for Algebra II.

McAllen ISD has a partnership with the following institutions of higher education only: UTRGV, STC, TSTC, TSC, Laredo College, and TAMU. This course does NOT satisfy the requirements under NCAA as an approved English course.

High School Science Course Pathway



Science

31220H BIOLOGY CP

Service ID: 03010200

Lowest Grade Placement: 9

Credit: 1

Level: CP

Weight: 5

In Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

NOTE: This course is STAAR End of Course (EOC) tested and required for graduation.

31320H BIOLOGY PRE-AP

Service ID: 03010200

Lowest Grade Placement: 9

Credit: 1

Level: Honors

Weight: 10

Biology Pre-AP is a rigorous, introductory course preparing students for AP Biology. Pre-AP Biology sparks student motivation and critical thinking about our living world as they engage in real-world data analysis and problem solving. The Pre-AP Biology course emphasizes the integration of content with science practices—powerful reasoning tools that support students in analyzing the natural world around them. The three big ideas that are central to deep and productive understanding in Pre-AP Biology are: process of evolution, biological systems, and genetic mechanisms.

Note: This course is STAAR End of Course (EOC) tested and required for graduation. This course prepares students for AP Biology and serves the identified gifted and talented student.

31420B MYP BIOLOGY

Service ID: 03010200

Lowest Grade Placement: 9

Credit: 1

Level: Honors

Weight: 10

MYP Biology is a rigorous, introductory course in lab biology. Topics include biochemistry, cells, cell processes, genetics, and natural selection, classification of organisms, ecology, human biology, and plant biology. Students will master biological concepts along with many laboratory techniques. This required one-year course is designed to meet the 1st or 2nd year Science requirement for the IB MYP Certificate, as well as the Biology requirement of the state of Texas. This course prepares students for the IB Diploma Program.

NOTE: This course is STAAR End of Course (EOC) tested and required for graduation. This course serves the identified gifted/talented student.

31520H ADVANCED PLACEMENT (AP) BIOLOGY**Service ID: A3010200****Lowest Grade Placement: 11****Credit: 1****Recommended Prerequisite: Pre-AP Biology, Pre-AP Chemistry****Level: Advanced****Weight: 13**

AP Biology is an introductory college-level biology course. Students study the core scientific principles, theories, and processes that govern living organisms and biological systems through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interactions.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course counts as a Science credit for STEM Endorsement.

31520U BIOLOGY ONRAMPS DUAL ENROLLMENT**Service ID: 03060300****Lowest Grade Placement: 11****Credit: 1****College Credit: Biology 1306 and Biology 1106 (4 college hours)****Prerequisite: Biology and Chemistry****Level: Advanced****Weight: 13**

This year-long college course explores three big ideas of biology: the structure and function of biomolecules, the flow of energy through living systems via photosynthesis and cellular respiration, and how genetic information is expressed and transmitted both within and between cells. Students will develop their scientific thinking skills through Peer Instruction, laboratory activities, and active learning in an inclusive classroom environment. Additionally, students will be guided in the development and integration of verbal, written, and graphical communication skills.

Note: Students may earn college credit with a passing score in this course. This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

31521D BIOLOGY 1406 FOR SCIENCE MAJORS I STC DUAL ENROLLMENT**Service ID: 03060300****Lowest Grade Placement: 11****Credit: 0.5****College Credit: BIOL 1406 (4 college hours)****Prerequisite: Biology and Chemistry and TSIA2 Complete****Level: Advanced****Weight: 13**

This blocked course is an in-depth study of the fundamental principles of living organisms including physical and chemical properties of life, cellular organization and function. Concepts of metabolic pathways, cellular respiration,

photosynthesis, mitosis, meiosis, and molecular biology of the gene, genetics biotechnology, evolutionary adaptation and the scientific method are included.

NOTE: Students may earn college credit with a passing score in this course. This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement. Offered at Rowe High School only.

31522D BIOLOGY 1407 FOR SCIENCE MAJORS II STC DUAL ENROLLMENT

Service ID: 03060300

Lowest Grade Placement: 11

Credit: 0.5

College Credit: BIOL 1407 (4 college hours)

Prerequisite: Completion of Biology 1406 for Science Majors I with a grade of "C" or better.

Level: Advanced

Weight: 13

This blocked course is a continuation of Biology 1406. This is an in-depth study of the fundamental principles of living organisms including classification and evolution. Topics include biodiversity of viruses, bacteria, archaea, protists, fungi, plants, animals, and comparison of the organization, function and reproduction, ecology of behavior, populations, communities, and the biosphere.

NOTE: Students may earn college credit with a passing score in this course. This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement. Offered at Rowe High School only.

31540B INTERNATIONAL BACCALAUREATE (IB) BIOLOGY SL Y1

Service ID: I3010201

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Two years of high school lab science courses

Level: Advanced

Weight: 13

This one-year advanced course of study is designed to meet the Experimental Science Standard Level (and 1st year of the Higher Level requirement for the IB Diploma Programme.) Through studying a science subject, students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, the emphasis is on a practical approach. In addition, through the overarching theme of the "Nature of Science" this knowledge and skills will be put into the context of way science and scientists work in the 21st Century and the ethical debates and limitations of creative scientific endeavor. This course prepares students to take the required IB Biology standard level exam.

NOTE: Students may earn college credit with a passing score on this exam. This advanced course also serves the identified gifted/talented student.

31550B INTERNATIONAL BACCALAUREATE (IB) BIOLOGY SL Y2

Service ID: I3010201

Lowest Grade Placement: 12

Credit: 1

Prerequisite: (IB) Biology SL Y1

Level: Advanced

Weight: 13

This one-year advanced course of study is designed to meet the Experimental Science Standard Level (and 1st year of the Higher Level requirement for the IB Diploma Programme.) Through studying a science subject, students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, the emphasis is on a practical approach. In addition, through the overarching theme of the “Nature of Science” this knowledge and skills will be put into the context of way science and scientists work in the 21st Century and the ethical debates and limitations of creative scientific endeavor. This course prepares students to take the required IB Biology standard level exam.

NOTE: Students may earn college credit with a passing score on this exam. This advanced course also serves the identified gifted/talented student.

31560B INTERNATIONAL BACCALAUREATE (IB) BIOLOGY HL

Service ID: I3010202

Lowest Grade Placement: 12

Credit: 1

Prerequisite: IB Biology SL Y1

Level: Advanced

Weight: 13

This advanced one-year course of study is designed to meet the 2nd year Experimental Science Higher Level requirement for the IB Diploma Programme. This course will include topics in nucleic acid and proteins, cell respiration and photosynthesis, genetics, human reproduction, infectious diseases, nerves, muscles, and movement, excretion, and plant science. Higher Level options include the additional topics of evolution, neurobiology and behavior, applied plant and animal science, ecology and conservation, and further human physiology. Students are required to complete a practical scheme of work that includes 60 hours of laboratory exercises, which are internally assessed and externally moderated. This course prepares students to take the required IB Biology Higher Level exam. **NOTE: Students may earn college credit with a passing score on this exam. This advanced course also serves the identified gifted/talented student.**

30220H INTEGRATED PHYSICS AND CHEMISTRY (IPC)

Service ID: 03060201

Lowest Grade Placement: 10

Credit: 1

Level: CP

Weight: 5

In Integrated Physics and Chemistry, students conduct laboratory and field investigations, use scientific methods during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter.

Note: This course counts as a 2nd Science credit only.

32220H CHEMISTRY CP**Service ID: 03040000****Lowest Grade Placement: 10****Credit: 1****Prerequisite: Biology and Algebra I****Level: CP****Weight: 5**

Students will make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives.

NOTE: This course counts as a Science credit for STEM Endorsement.

32320H CHEMISTRY PRE-AP**Service ID: 03040000****Lowest Grade Placement: 10****Credit: 1****Required Prerequisite: Biology and Algebra I****Level: Honors****Weight: 10**

Pre-AP Chemistry focuses on students developing a deep conceptual understanding of matter and energy at the molecular level by asking students to explain their macroscopic observations using particulate-level reasoning. The Pre-AP Chemistry course emphasizes the integration of content with science practices—powerful reasoning tools that support students in analyzing the natural world around them. The three big ideas that are central to deep and productive understanding in Pre-AP Chemistry are: structure and properties of matter, energy, and transformations of matter.

NOTE: This comprehensive chemistry course can be used as preparation for AP or IB Chemistry. This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

32350B MYP CHEMISTRY**Service ID: 03040000****Lowest Grade Placement: 10****Credit: 1****Required Prerequisite: Biology and Algebra I****Level: Honors****Weight: 10**

This advanced one-year advanced course is designed to meet the 1st or 2nd year Science requirement for the IB MYP Certificate, as well as the Chemistry 1 requirement of the state of Texas. This course includes the study of scientific skills and processes; the chemical concepts of change, energy, structures, patterns, and systems as well as personal, social and global awareness. These topics focus on the five areas of interaction. This course prepares students for the IB Diploma Programme.

NOTE: This advanced course serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

32520H ADVANCED PLACEMENT (AP) CHEMISTRY**Service ID: A3040000****Lowest Grade Placement: 11****Credit: 1****Recommended Prerequisite: Pre-AP Chemistry and Pre-AP Algebra II****Level: Advanced****Weight: 13**

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students enrolled in this course will take the Advanced Placement Chemistry Exam.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course counts as a Science credit for STEM Endorsement.

32520U CHEMISTRY ONRAMPS DUAL ENROLLMENT**Service ID: 03060300****Lowest Grade Placement: 11****Credit: 1****College Credit: CHEM 1311 & CHEM 1111 (4 college hours)****Prerequisite: Chemistry Pre-AP, Algebra II Pre-AP, and Teacher Recommendation****Level: Advanced****Weight: 13**

This OnRamps Chemistry course addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. The course reviews descriptive chemistry of matter in the natural world as well as compositional and reaction stoichiometry of chemical compounds. Throughout the course, students learn to think like scientists by exploring the underlying theoretical foundations of chemistry, making intuitive arguments for how the world works, and supporting those arguments with quantitative measures.

Note: This course counts as a Science credit for STEM Endorsement.

32540B INTERNATIONAL BACCALAUREATE (IB) CHEMISTRY SL Y1**Service ID: I3040002****Lowest Grade Placement: 11****Credit: 1****Recommended Prerequisite: Two years of high school science lab courses****Level: Advanced****Weight: 13**

This advanced one-year course is designed to meet the experimental science (Group 4) requirement for the IB Diploma Programme. Exploring chemistry through the lens of the nature of science, students will study atomic structure, periodic trends, chemical bonding, thermo-chemistry, kinetics, equilibrium, acid and base chemistry,

oxidation and reduction, organic chemistry and measurement and data processing. The course includes a large laboratory component in order to complete Internal Assessment requirements. Students may also study the chemistry of the environment, biochemistry, medicinal chemistry, and energy as well as material science. A strong emphasis is placed on developing students' ability to communicate scientific findings and applications using technology and preparing students to make scientifically informed decisions as global citizens.

NOTE: This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

32550B INTERNATIONALBACCALAUREATE (IB) CHEMISTRY SL Y2

Service ID: I3040002

Lowest Grade Placement: 12

Credit: 1

Required prerequisite: International Baccalaureate (IB) Chemistry SL Y1

Level: Advanced

Weight: 13

This advanced one-year course is designed to meet the experimental science (Group 4) requirement for the IB Diploma Programme. Exploring chemistry through the lens of the nature of science, students will study atomic structure, periodic trends, chemical bonding, thermo-chemistry, kinetics, equilibrium, acid and base chemistry, oxidation and reduction, organic chemistry and measurement and data processing. The course includes a large laboratory component in order to complete Internal Assessment requirements. Students may also study the chemistry of the environment, biochemistry, medicinal chemistry, and energy as well as material science. A strong emphasis is placed on developing students' ability to communicate scientific findings and applications using technology and preparing students to make scientifically informed decisions as global citizens.

NOTE: This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

32560B INTERNATIONALBACCALAUREATE (IB) CHEMISTRY HL

Service ID: I3040003

Lowest Grade Placement: 12

Credit: 1

Required prerequisite: International Baccalaureate (IB) CHEMISTRY SL Y1

Level: Advanced

Weight: 13

This two-year course is designed to meet the experimental science (Group 4) requirement for the IB Diploma. Exploring chemistry through the lens of the nature of science students will study atomic structure, periodic trends, chemical bonding, thermos-chemistry, kinetics, equilibrium, acid/base chemistry, oxidation/reduction, organic chemistry, measurement, and data processing. The HL course includes the SL curriculum and further extensions in each topic area. The course includes a large laboratory component in order to complete Internal Assessment requirements. Students may also study the chemistry of the environment, biochemistry, medicinal chemistry, and energy as well as material science. A strong emphasis is placed on developing students' ability to communicate scientific findings and applications using technology and preparing students to make scientifically informed decisions as global citizens.

NOTE: This advanced course serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

31720H ANATOMY & PHYSIOLOGY**Service ID: 13020600****Lowest Grade Placement: 10****Credit: 1****Prerequisite: Biology and a 2nd Science credit****Recommended Prerequisite: A course from the Health Science Career Cluster****Level: Honors****Weight: 10 points**

This advanced course is the study of the structures and functions of the components of the human body. This course is designed to build a knowledge base for those students who wish to pursue a medically related career. Laboratory investigations will include at least one major dissection (usually a cat), microscopic studies and physiology investigations. Course content includes the physiology of each organ system. Students are expected to participate in group projects and complete outside research.

Note: This course satisfies a high school Science graduation requirement. This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

33220H PHYSICS CP**Service ID: 03050000****Lowest Grade Placement: 11****Credit: 1****Required Prerequisite: Algebra I credit****Level: CP****Weight: 5**

In Physics, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills.

NOTE: This course counts as a Science credit for STEM Endorsement.

33250H PHYSICS HONORS**Service ID: 03050000****Lowest Grade Placement: 11****Credit: 1****Required Prerequisite: Algebra I credit****Level: Honors****Weight: 10**

Physics Pre-AP is a rigorous, introductory course that prepares students for AP Physics I. In this course, students will learn about the physical world in the same way as scientists. You will discover and learn to describe relationships in nature through lab experiments and explore their applications to new situations. This will be a rigorous, math-

intensive course, using algebra, trigonometry, and graphing skills. The topics covered in this course are scientific skills and models, constant velocity model, accelerated motion, two-dimensional motion, balanced forces, circular motion, inverse-square laws, energy, thermodynamics, momentum, waves and sound, electromagnetic waves, light & optics, electric circuits, magnetism, and modern/quantum physics.

NOTE: This course counts as a Science credit for STEM Endorsement. This course prepares students for AP Physics I and serves the identified gifted and talented student.

33420B MYP PHYSICS

Service ID: 03050000

Lowest Grade Placement: 11

Credit: 1

Required Prerequisite: Algebra I credit

Level: Honors

Weight: 10

Physics MYP is a rigorous, introductory course that prepares students for IB Physics SL or IB Physics HL. In this course, students will learn about the physical world in the same way as scientists. You will discover and learn to describe relationships in nature through lab experiments and explore their applications to new situations. This will be a rigorous, math-intensive course, using algebra, trigonometry, and graphing skills. The topics covered in this course are scientific skills and models, constant velocity model, accelerated motion, two-dimensional motion, balanced forces, circular motion, energy, thermodynamics, momentum, waves and sound, electromagnetic waves, light & optics, electric circuits, magnetism, and modern/quantum physics. Students will deepen their abilities for scientific inquiry and continue to improve their problem-solving and critical-thinking skills. Students will apply concepts and principles of physics to real-world situations and be able to discuss the societal implications of physics.

NOTE: This course counts as a Science credit for STEM Endorsement. This course prepares students for IB Physics SL and HL and serves the identified gifted and talented student.

33520H ADVANCED PLACEMENT (AP) PHYSICS I (ALGEBRA BASED)

Service ID: A3050003

Lowest Grade Placement: 11

Credit: 1

Required Prerequisite: Geometry and Concurrently enrolled in Algebra II or equivalent

Level: Advanced

Weight: 13

Students explore principles of Newtonian mechanics (including rotational motion); work, energy, and power; simple harmonic motion, mechanical waves and sound; electrostatics, and simple circuits. The course is based on six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course counts as a Science credit for STEM Endorsement.

33520U PHYSICS ONRAMPS DUAL ENROLLMENT**Service ID: 03060300****Lowest Grade Placement: 11****Credit: 1****College Credit: Physics 1301 and Physics 1101 (4 college hours)****Required Prerequisite: Geometry****Recommended Prerequisite: Algebra II or Precalculus****Level: Advanced****Weight: 13**

Mechanics, Heat, and Sound introduces big ideas in Physics, such as Newtonian mechanics (including motion, force, energy, and rotation), as well as solid and fluid mechanics, oscillations, waves, sound, and heat. Taken together, the topics reinforce the general idea that the behavior of many systems in the world can be described precisely with simple mathematics. This is an algebra-based (non-calculus) course in mechanics that fulfills a general physics requirement. Proficiency in algebra and geometry is assumed. This course lays the conceptual groundwork for STEM majors. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin (UT Austin). Students engage in both guided and open inquiry investigations of physical principles. It is designed to instill foundational scientific reasoning, data collection, and analytical skills.

Note: Students may earn college credit with a passing score in this course. This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

33540B INTERNATIONAL BACCALAUREATE (IB) PHYSICS SL Y1**Service ID: I3050002****Lowest Grade Placement: 11****Credit: 1****Recommended Prerequisite: Two years of high school science lab courses****Level: Advanced****Weight: 13**

This two-year course is designed to meet the Experimental Science Standard Level (SL) requirement for the IB Diploma Programme. This course includes topics in experimental design and data analysis, mechanics (motion, forces, energy, momentum, waves, etc.), thermodynamics, electromagnetism, energy production, and atomic, nuclear, and particle physics. In addition, one of the following options will be covered: relativity, engineering physics, imaging, or astrophysics. Students are required to complete 40 hours of laboratory experiments that are internally assessed and externally moderated. This course prepares students to take the IB Physics SL exam.

NOTE: College credit may be granted for scores on this exam. This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

33550B INTERNATIONAL BACCALAUREATE (IB) PHYSICS SL Y2**Service ID: I3050002****Lowest Grade Placement: 12****Credit: 1****Prerequisite: International Baccalaureate (IB) Physics SL Y1**

Level: Advanced

Weight: 13

This two-year course is designed to meet the Experimental Science Standard Level (SL) requirement for the IB Diploma Programme. This course includes topics in experimental design and data analysis, mechanics (motion, forces, energy, momentum, waves, etc.), thermodynamics, electromagnetism, energy production, and atomic, nuclear, and particle physics. In addition, one of the following options will be covered: relativity, engineering physics, imaging, or astrophysics. Students are required to complete 40 hours of laboratory experiments that are internally assessed and externally moderated. This course prepares students to take the IB Physics SL exam.

NOTE: College credit may be granted for scores on this exam. This advanced course also served the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

33560B INTERNATIONALBACCALAUREATE (IB) PHYSICS HL

Service ID: I3050003

Lowest Grade Placement: 12

Credit: 1

Prerequisite: International Baccalaureate (IB) Physics SL Y1

Level: Advanced

Weight: 13

This one-year course is designed to meet the Experimental Science Higher Level (HL) requirement for the IB Diploma Programme. This course includes the topics covered in the SL course (see above), in addition to more detail on waves (diffraction, resolution, and the Doppler effect), electromagnetism (induction and capacitance), and an overview of fields and quantum mechanics. The options for HL are the same as for SL (relativity, engineering physics, imaging, or astrophysics), but with additional sub-topics covered. Students are required to complete 60 hours of laboratory experiments that are internally assessed and externally moderated.

NOTE: This course prepares students to take the IB Physics HL exam. College credit may be granted for scores on this exam. This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

34340H AQUATIC SCIENCE

Service ID: 03030000

Lowest Grade Placement: 10

Credit: 1

Required Prerequisite: Biology

Level: CP

Weight: 5

In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and fieldwork in this course may emphasize freshwater or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students who successfully complete Aquatic Science will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.

Note: Students should consult their college of choice to determine whether Aquatic Science will satisfy entry requirements. This course counts as a Science credit for STEM Endorsement.

34420H ASTRONOMY**Service ID: 03060100****Lowest Grade Placement: 11****Credit: 1****Required prerequisite: Algebra I and IPC or Chemistry****Level: Honors****Weight: 10**

In Astronomy, students focus on patterns, processes, and relationships among astronomical objects in our universe. Students acquire basic astronomical knowledge and supporting evidence about sun-Earth-moon relationships, the solar system, the Milky Way, the size and scale of the universe, and the benefits and limitations of exploration. Students conduct laboratory and field investigations to support their developing conceptual framework of our place in space and time.

Note: Students should consult their college of choice to determine whether Earth and Space Science will satisfy entry requirements. This course counts as a Science credit for STEM Endorsement.

35530H AP ENVIRONMENTAL SCIENCE**Service ID: A3020000****Lowest Grade Placement: 10 (if concurrently enrolled in a 2nd Science)****Credit: 1****Prerequisite: Algebra I and Biology****Level: Advanced****Weight: 13**

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required understanding the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course counts as a Science credit for STEM Endorsement.

35530B IB ENVIRONMENTAL SYSTEMS AND SOCIETIES SL**Service ID: I3020000****Lowest Grade Placement: 11th****Credit: 1****Recommended Prerequisite: Two years of high school science lab courses****Level: Advanced****Weight: 13**

The IB DP environmental systems and societies standard level course aims to provide students with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to

face. Students' attention is constantly drawn to their own relationship with their environment and the significance of choices and decisions that they make in their own lives. It is intended that students develop a sound understanding of the interrelationships between environmental systems and societies, rather than a purely journalistic appreciation of environmental issues. The teaching approach strives to be conducive to students evaluating the scientific, ethical and socio- political aspects of issues. The aims of the environmental systems and societies standard level course are to: 1. promote understanding of environmental processes at a variety of scales, from local to global; 2. provide a body of knowledge, methodologies and skills that can be used in the analysis of environmental issues at local and global levels; and 3. enable students to apply the knowledge, methodologies and skills gained.

NOTE: This advanced course also serves identified gifted/talented students and counts as a Science credit for STEM Endorsement.

Social Studies



Social Studies High School Course Offerings & Course Sequence

	Required Courses	Advanced Substitutes	Additional Credit Options
9th Grade	World Geography (1 Credit)	World Geography Honors AP Human Geography World Geography MYP (IB)	
10th Grade	World History (1 Credit)	AP World History: Modern World History MYP (IB)	Personal Financial Literacy (1/2 Credit) Sociology (1/2 Credit) Psychology (1/2 Credit) Ethnic Studies: Mexican American Studies Ethnic Studies: African American Studies
11th Grade	US History Since 1877 (1 Credit)	AP US History US History Dual (UT OnRamps) IB History of the Americas SL	AP European History AP Psychology (1/2 Credit) Research Methods/AP Psych (1/2 Credit) IB Psychology SL Yr 1
12th Grade	US Government (1/2 Credit) <u>AND</u> Economics (1/2 Credit) <u>OR</u> Personal Financial Literacy & Economics (1/2 Credit)	AP Government & Politics (1/2 Credit) AP Macroeconomics (1/2 Credit)	IB History of the Americas HL IB Psychology SL Yr 2 IB Psychology HL

- 4 Social Studies Credits Required (World Geography, World History, US History, Government, Economics/PFL and Economics)
- Additional 5th Credit may be earned for Arts and Humanities Endorsement in Social Studies

41220H WORLD GEOGRAPHY STUDIES CP

Service ID: 03320100

Lowest Grade Placement: 9

Credit: 1

Level: CP

Weight: 5

In this course, students examine people, places, and environments at local, regional, national, and international scales. Students describe the influence of geography on events of the past and present with an emphasis on contemporary issues. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions.

41320H WORLD GEOGRAPHY STUDIES HONORS

Service ID: 03320100

Lowest Grade Placement: 9

Credit: 1

Level: Honors

Weight: 10

In this advanced course, students examine people, places, and environments at local, regional, national, and international scales. Students describe the influence of geography on events of the past and present with an

emphasis on contemporary issues. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use research and communication skills to explore geographic questions and issues.

NOTE: This advanced course also serves the identified gifted/talented student.

41520H ADVANCED PLACEMENT (AP) HUMAN GEOGRAPHY (WORLD GEOGRAPHY)

Service ID: A3360100

Lowest Grade Placement: 9

Credit: 1

Recommended Prerequisite:

- **Mastery Level of Achievement on 8th grade STARR social studies and 8th grade reading**

OR

- **Advanced level of achievement on a comparable assessment such as IOWA Reading, PSAT 8 or ACT Plan**

Level: Advanced

Weight: 13

AP Human Geography is college-level course in human geography or cultural geography. Content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human– environment relationships on places, regions, cultural landscapes, and patterns of interaction. This course may be used as a substitute for World Geography. Extensive reading and the composition of essays using multiple historic documents prepare students for the rigors of the Advanced Placement exam.

Note: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course is also offered at IB Lamar.

42220H WORLD HISTORY STUDIES CP

Service ID: 03340400

Lowest Grade Placement: 10

Credit: 1

Recommended Prerequisite: World Geography Studies

Level: CP

Weight: 5

This course is a survey of the history of humankind from 8000 BC to the present. Students analyze significant people, events and issues by examining historic developments of political, economic, geographic, scientific and technical innovations, as well as religious and philosophical traditions throughout world history. Students use the process of historical inquiry and critical thinking skills to research, interpret, and use multiple sources of evidence.

42530H ADVANCED PLACEMENT (AP) WORLD HISTORY: MODERN**Service ID: A3370100****Lowest Grade Placement: 10****Credit: 1****Recommended Prerequisite: World Geography Studies Pre-AP or AP Human Geography****Level: Advanced****Weight: 13**

This advanced college level course focuses on developing students' abilities to think conceptually about world history from approximately 8000 BC to the present and apply historical thinking skills as they learn about the past. Five themes – focusing on the environment, cultures, state-building, economic systems, and social structures – provide areas of historical inquiry for investigation throughout the course. Extensive reading and the composition of essays using multiple historic documents prepare students for the rigors of the Advanced Placement exam.

Note: This course may be used as a substitute for World History Studies. Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course is also offered at IB Lamar.

43220H U.S. HISTORY STUDIES SINCE 1887 CP**Service ID: 03340100****Lowest Grade Placement: 11****Credit: 1****Recommended Prerequisite: World Geography Studies and World History Studies****Level: CP****Weight: 5**

This course spans the history of the United States from the era of Reconstruction in 1877 to the present. The course is designed to integrate the eight strands essential in social studies including History, Geography, Economics, Government, Citizenship, Culture, Science / Technology / Society as well as Social Studies Skills. Students use critical-thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.

Note: This course is STAAR End of Course (EOC) tested and required for graduation.

43520H ADVANCED PLACEMENT (AP) U.S. HISTORY**Service ID: A3340100****Lowest Grade Placement: 11****Credit: 1****Recommended Prerequisite: World Geography Pre-AP and World History Studies Pre-AP or AP****Level: Advanced****Weight: 13**

This advanced course surveys the American experience from approximately 1491 to the present and focuses on developing students' abilities to think conceptually about US history as they apply historical thinking skills. Seven themes – identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs and culture – provide areas of historical inquiry for investigation throughout the course. This course, which is both writing and reading intensive, is designed to provide students with the analytic

skills to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places in preparation for the Advanced Placement exam.

NOTE: This course is STAAR End of Course (EOC) tested. Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student.

43521D U.S. HISTORY STC DUAL ENROLLMENT

Service ID: 03340100

Lowest Grade Placement: 11

Credit: 0.5

College Credit: HIST 1301 United States History I (3 college hours)

Recommended Prerequisite: World Geography Pre-AP and World History Studies Pre-AP or AP

Level: Advanced

Weight: 13

This advanced course surveys the American experience from approximately 1491 to the present and focuses on developing students' abilities to think conceptually about US history as they apply historical thinking skills. Seven themes – identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs and culture – provide areas of historical inquiry for investigation throughout the course. This course, which is both writing and reading intensive, is designed to provide students with the analytic skills to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places in preparation for the Advanced Placement exam.

NOTE: This course is STAAR End of Course (EOC) tested. This course is the first part of a two-semester course and is taught at McAllen High School only. This advanced course also serves the identified gifted/talented student.

43522D U.S. HISTORY STC DUAL ENROLLMENT

Service ID: 03340100

Lowest Grade Placement: 11

Credit: 0.5

College Credit: HIST 1302 United States History II (3 college hours)

Recommended Prerequisite: World Geography Pre-AP and World History Studies Pre-AP or AP

Level: Advanced

Weight: 13

This advanced course surveys the American experience from approximately 1491 to the present and focuses on developing students' abilities to think conceptually about US history as they apply historical thinking skills. Seven themes – identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs and culture – provide areas of historical inquiry for investigation throughout the course. This course, which is both writing and reading intensive, is designed to provide students with the analytic skills to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places in preparation for the Advanced Placement exam.

NOTE: This course is STAAR End of Course (EOC) tested. This course is the second part of a two-semester course and is taught at McAllen High School only. This advanced course also serves the identified gifted/talented student.

43521U US HISTORY STUDIES ONRAMPS DUAL ENROLLMENT**Service ID: 03340100****Lowest Grade Placement: 11****Credit: 0.5****College Credit: History 1301 (3 college hours)****Prerequisite: Pre-AP English II****Level: Advanced****Weight: 13**

In these two sequential first-year college American history courses, students study significant themes in US history to uncover the range and depth of the American story. Using lectures, primary and secondary readings, videos, maps and other graphics, students work both independently and collaboratively to develop the critical thinking skills to evaluate the historical record. This two-course series surveys from the colonial beginnings through the Civil War and then to the end of the 21st century. Exams include essay questions that require students to craft well-written narratives and arguments, engage the complexity of cause and consequence, and make connections that reveal the dynamic change over time.

NOTE: *This course is STAAR End of Course (EOC) tested.* This course is the first part of a two-semester course. This advanced course also serves the identified gifted/talented student.

43522U US HISTORY STUDIES ONRAMPS DUAL ENROLLMENT**Service ID: 03340100****Lowest Grade Placement: 11****Credit: 0.5****College Credit: History 1302 (3 college hours)****Prerequisite: Pre-AP English II****Level: Advanced****Weight: 13**

In these two sequential first-year college American history courses, students study significant themes in US history to uncover the range and depth of the American story. Using lectures, primary and secondary readings, videos, maps and other graphics, students work both independently and collaboratively to develop the critical thinking skills to evaluate the historical record. This two-course series surveys from the colonial beginnings through the Civil War and then to the end of the 21st century. Exams include essay questions that require students to craft well-written narratives and arguments, engage the complexity of cause and consequence, and make connections that reveal the dynamic change over time.

NOTE: *This course is STAAR End of Course (EOC) tested.* This course is the second part of a two-semester course. This advanced course also serves the identified gifted/talented student.

43550B INTERNATIONAL BACCALAUREATE (IB) HISTORY OF THE AMERICAS HL Y1**Service ID: I3301300****Lowest Grade Placement: 11****Credit: 1****Recommended Prerequisite: AP World History**

Level: Advanced

Weight: 13

This advanced course of study is designed to meet the 1st year of the History Higher Level requirement for the IB Diploma as well as the U.S. History credit for the state of Texas. Students study History of the Americas from European settlement to the present with an emphasis on Latin America and the United States, from 1875 to 1975.

NOTE: This course is STAAR End of Course (EOC) tested. This advanced course also serves the identified gifted/talented student.

44550B INTERNATIONAL BACCALAUREATE (IB) HISTORY OF THE AMERICAS HL Y2

Service ID: I3301300

Lowest Grade Placement: 12

Credit: 1

Prerequisite: IB History of the Americas HL Y1

Level: Advanced

Weight: 13

This advanced one-year course of study is designed to meet the 2nd year IB History Higher Level requirement for the IB Diploma. Students study 20th Century World History topics related to peace-making, peacekeeping and international relations of the inter-war years. Students are required to complete a historical investigation of 1500- 2000 words, which is internally assessed and externally moderated. This course culminates with the IB History Higher Level Exam.

NOTE: Students may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student.

44213H U.S. GOVERNMENT CP

Service ID: 03330100

Lowest Grade Placement: 11

Credit: 0.5

Recommended Prerequisite: U.S. History Studies

Level: CP

Weight: 5

This one semester course focuses on the principles and beliefs upon which the United States was founded and, on the structure, functions, and powers of government at the national, state, and local levels. A significant focus is on the US Constitution and the impact of individuals and groups on the American political system. Students use critical thinking and research skills to analyze a variety of primary and secondary source material such as historical documents, speeches and biographies as they explore contemporary government issues.

44513H ADVANCED PLACEMENT (AP) U.S. GOVERNMENT AND POLITICS

Service ID: A3330100

Lowest Grade Placement: 11

Credit: 0.5

Recommended Prerequisite: U.S. History Studies (AP)

Level: Advanced

Weight: 13

This one Semester advanced course introduces students to key political ideas, institutions, policies, interactions, roles

and behaviors that characterize the political culture of the United States. Students will examine politically significant concepts and themes as they apply critical thinking skills to assess the causes and consequences of political events. They must interpret data and develop evidence-based arguments in extensive reading and writing assignments in preparation for the Advanced Placement exam. This course may be used as a substitute for US Government state requirement.

Note: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course is also offered at IB Lamar.

46213H ECONOMICS CP

Service ID: 03310300

Lowest Grade Placement: 11

Credit: 0.5

Prerequisite: U.S. History Studies

Level: CP

Weight: 5

This one semester course provides opportunities for students to examine basic principles concerning production, consumption and distribution of goods and Services. It emphasizes the free enterprise system and its benefits. Students study such concepts as scarcity, economic interdependence, various market systems, economics, income tax preparation, fiscal and monetary policy, commercial banking, stock market and mock investment situations. Emphasis is placed on critical thinking skills, oral and written communication and research techniques.

46513H ADVANCED PLACEMENT (AP) MACROECONOMICS

Service ID: A3310200

Lowest Grade Placement: 11

Credit: 0.5

Recommended Prerequisite: U.S. History Studies (AP)

Level: Advanced

Weight: 13

This advanced course focuses on the principles of an economic system including the following: national income and price-level determination, economic performance measures, financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts and data to analyze, describe and explain economic concepts. This course may be used for the state Economics requirement.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student.

46523H ADVANCED PLACEMENT (AP) MICROECONOMICS

Service ID: A3310100

Lowest Grade Placement: 11

Credit: 0.5

Recommended Prerequisite: U.S. History Studies (AP)

Level: Advanced

Weight: 13

AP Microeconomics is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the

operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. This course is only offered at IB Lamar and satisfies the Economics high school graduation requirement.

47113H PERSONAL FINANCIAL LITERACY

Service ID: 03380082

Lowest Grade Placement: 10

Credit: 0.5

Level: CP

Weight: 5

Personal Financial Literacy (PFL) is designed to be an interactive and research-based course. This one semester elective course will teach students to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college as well as postsecondary education and training. This course aims to develop citizens who have the knowledge and skills to make sound, informed financial decisions.

Note: This course may NOT be used as a substitute for Economics. This elective course may NOT be awarded credit if the student earns credit for the Personal Financial Literacy and Economics course.

47123H PERSONAL FINANCIAL LITERACY AND ECONOMICS

Service ID: 03380083

Lowest Grade Placement: 11

Credit: 0.5

Recommended Prerequisite: US History Studies

Level: CP

Weight: 5

This semester course introduces students to the economic way of thinking framework as they learn personal financial decision-making that is needed to lead productive and financially self-sufficient lives. It is an integrative course that applies the economic way of thinking to making choices about how to allocate scarce resources in an economy to how to make them at the personal level. It requires demonstrated critical thinking by students who explore how to invest in themselves with education and skill development, how to earn income, how to budget for spending, saving, investing, and protecting.

Note: This course satisfies the high school Economics graduation requirement and meets the two-thirds instructional time in personal financial literacy and one-third of instruction time in Economics. This course is NOT recommended for students who are anticipated to participate in the NCAA as college athletes in a Division I or II school, as the credit does not meet the Economic course requirement for that organization. This course may be awarded as an elective credit if the student has taken Economics CP or an AP substitute for the required Economics credit.

44713H PSYCHOLOGY**Service ID: 03350100****Lowest Grade Placement: 10****Credit: 0.5 Elective****Level: CP****Weight: 5**

In this one semester course students study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology. The course is strongly recommended for students interested in a career in the field of behavioral science.

44813H SOCIOLOGY**Service ID: 03370100****Lowest Grade Placement: 10****Credit: 0.5 Elective****Level: CP****Weight: 5**

This one semester course is a study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

44813D SOCIOLOGY STC DUAL**Service ID: 03370100****Lowest Grade Placement: 10****Credit: 0.5 Elective****Level: Advanced****Weight: 13**

This one semester course is a study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

44733H ADVANCED PLACEMENT(AP) PSYCHOLOGY**Service ID: A3350100****Lowest Grade Placement: 11****Credit: 0.5 Elective****Level: Advanced****Weight: 13**

This advanced course introduces students to the systematic and scientific study of human behavior and mental processes. Students explore, psychologists and studies that have shaped the field, apply psychological theories, key

concepts and phenomena associated with such topics as: the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of abnormal behavior, and social psychology. Students will employ psychological research methods, ethical considerations and the scientific method as they analyze biases; evaluate claims and evidence through effective communication in preparation for the Advanced Placement Exam. The course is strongly recommended for students interested in careers involving the field of behavioral science.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student. Students taking AP-Psychology will take the semester Research Methods/Psychology AP course.

44753H RESEARCH METHODS / PSYCHOLOGY AP

Service ID: 03380003

Lowest Grade Placement: 11

Credit: 0.5 Elective

Level: Advanced

Weight: 13

This course is designed to prepare the self-motivated student for the Advanced Placement examination. Students will have the opportunity to practice with Advanced Placement formatted exams throughout the course in preparation for this examination. The course will cover the range of psychological concepts normally included in collegiate Introductory and General Psychology courses. The range of topics will include: the history of psychology; research ethics; neurobiology and behavior; sensation and perception; states of consciousness; motivation and emotion; stress and health; social psychology; cognition; personality theory; and psychological disorders and therapy. An emphasis will be placed on research methodology and statistics (towards the end of the course in an effort) to prepare students to propose and complete an independent research project which may be submitted for publication.

NOTE: This advanced course serves the identified gifted/talented student. Research Methods/Psychology AP is paired with AP Psychology course and taken concurrently.

44740B INTERNATIONAL BACCALAUREATE (IB) PSYCHOLOGY SL Y1

Service ID: I3304100

Lowest Grade Placement: 11

Credit: 1

Level: Advanced

Weight: 13

This one-year course of study is designed to begin the elective Standard Level or 1st year Higher Level requirement for the IB Diploma. The aims of this program are to promote an awareness of and respect for the psychological diversity of human beings with reference to biological, cognitive and sociocultural influences; develop an appreciation of the broad scope of psychology; develop an understanding of different theoretical approaches to understanding behavior; introduce diverse methods of psychological inquiry; promote ethical practices and responsibilities in psychological inquiry; and explore practical applications of psychology and demonstrate relevance of psychology to daily life. Optional studies include a focus on Human Relationships. Students are required to replicate a psychological experiment that is internally assessed and externally moderated. This course will prepare students to take the IB

Psychology Standard Level Exam.

NOTE: Students may be granted college credit for scores on this exam. This advanced course serves the identified gifted/talented student.

44750B INTERNATIONAL BACCALAUREATE (IB) PSYCHOLOGY SL Y2

Service ID: I3304100

Lowest Grade Placement: 12

Credit: 1

Prerequisite: International Baccalaureate (IB) Psychology SL Y1

Level: Advanced

Weight: 13

This course of study is designed to complete elective Standard Level requirement for the IB Diploma. The aims of this program are to promote an awareness of and respect for the psychological diversity of human beings with reference to biological, cognitive and sociocultural influences; develop an appreciation of the broad scope of psychology; develop an understanding of different theoretical approaches to understanding behavior; introduce diverse methods of psychological inquiry; promote ethical practices and responsibilities in psychological inquiry; and explore practical applications of psychology and demonstrate relevance of psychology to daily life. Optional studies include a focus on Human Relationships and Dysfunctional Behavior. Students are required to replicate a psychological experiment which is internally assessed and externally moderated. This course will prepare students to take the IB Psychology Standard Level Exam.

NOTE: Students may be granted college credit for scores on this exam. This advanced course serves the identified gifted/talented student.

44760B INTERNATIONAL BACCALAUREATE (IB) PSYCHOLOGY HL Y2

Service ID: I3304200

Lowest Grade Placement: 12

Credit: 1

Prerequisite: International Baccalaureate (IB) Psychology SL Y1

Level: Advanced

Weight: 13

This one-year course of study is designed to meet the second year of the Higher Level elective requirement for the IB Diploma. The aims of this program are to promote an awareness of and respect for the psychological diversity of human beings with reference to biological, cognitive and sociocultural influences; develop an appreciation of the broad scope of psychology; develop an understanding of different theoretical approaches to understanding behavior; introduce diverse methods of psychological inquiry; promote ethical practices and responsibilities in psychological inquiry; and explore practical applications of psychology and demonstrate the relevance of psychology to daily life. This course requires a more detailed knowledge of qualitative and quantitative research methods, optional studies in Human Relationships and Dysfunctional Behavior, and the design, conduct, and report of one experiment that is internally assessed and externally moderated. This course will prepare students to take the IB Psychology Higher Level Exam.

NOTE: Students may be granted college credit for scores on this exam. This advanced course serves the identified gifted/talented student.

43630H ADVANCED PLACEMENT (AP) EUROPEAN HISTORY**Service ID: A3340200****Lowest Grade Placement: 11****Credit: 1****Recommended Prerequisite: World History Studies (AP)****Level: Advanced****Weight: 13**

This advanced course develops students' abilities to think conceptually about European history from approximately 1450 to the present and apply historical thinking skills as they explore five themes - Interaction of Europe and the World, Poverty and Prosperity, Objective Knowledge and Subjective Visions, States and Other Institutions of Power, and Individual and Society. Historical inquiry and investigation will require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. This course is both reading and writing intensive as students analyze historic documents and texts and compose essays utilizing these documents.

NOTE: This course may NOT be used as a substitute for World History Studies. Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student.

44650H ETHNIC STUDIES: MEXICAN AMERICAN STUDIES**Service ID: 03380084****Lowest Grade Placement: 10****Credit: 1 Elective****Level: CP****Weight: 5 (Beginning with 2021-2022 Freshmen Cohort)**

Mexican American Studies, an elective course, students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective. The course emphasizes events in the 20th and 21st centuries, but students will also engage with events prior to the 20th century.

NOTE: This course may count towards a multidisciplinary and/or arts and humanities endorsement.

44660H ETHNIC STUDIES: AFRICAN AMERICAN STUDIES**Service ID: 03380085****Lowest Grade Placement: 10****Credit: 1 Elective****Level: CP****Weight: 5 (Beginning with 2021-2022 Freshmen Cohort)**

African American Studies, an elective course, students learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history. It requires an analysis of important ideas, social and cultural values, beliefs, and traditions. Knowledge of past achievements provides citizens of the 21st century with a broader context within which to address the many issues facing the United States.

NOTE: This course may count towards a multidisciplinary and/or arts and humanities endorsement.

Languages Other Than English

60120H FRENCH I

Service ID: 03410100

Lowest Grade placement: 9

Credit: 1

Weight: 0

This Course is designed to address the essential elements of French: reading, writing, speaking, listening, culture and total language. Equal emphasis is placed on both the oral and the written aspects of the language.

60220H FRENCH II

Service ID: 03410200

Lowest Grade Placement: 9

Credit: 1

Prerequisite: French I

Weight: 0

This course is designed to address the essential elements of French: reading, writing, speaking, listening, culture and total language. Equal emphasis is placed on both the oral and the written aspects of the language. More particularly, the course includes the grammar structure of the compound tenses, the writing of compositions, and study of French Civilization.

60320H FRENCH III

Service ID: 03410300

Lowest Grade Placement: 9

Credit: 1

Prerequisite: French II

Weight: 0

This course is designed to enable the student to have conversations in all studied tenses. Students will be able to read past and future narrations in all tenses and will be able to express conditions in complex sentences. Moreover, the student will be able to express emotions, wishes, and hypotheses in complex sentences. Written assignments and readings will focus on brief historical accounts, short stories, movie reviews, painters, musicians and French speaking cultures around the world.

62120H SPANISH I MONOLINGUAL

Service ID: 03440100

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course is designed for non-Spanish speakers. It introduces the basic skills of Spanish with emphasis on oral

language and phonics. Listening, speaking, reading, and, writing is emphasized with focus on vocabulary development. Grammar structures and dialogues are acquired through drills. Comparisons are made among cultures with emphasis on the variety of cultures that exist in the Hispanic world. Instruction is conducted in Spanish and English.

62130B SPANISH MYP YEAR 4 (MYP SPANISH I)

Service ID: 03440100

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This one-year advanced course is designed to meet the 1st year Language Acquisition requirement for the IB MYP Certificate, as well as the second language requirement of the state of Texas. This course includes the skills of speaking, writing, listening, and reading in the Spanish language. These topics are focused through the five areas of interaction. This course prepares students for the IB Diploma Programme.

NOTE: This advanced course serves the identified gifted/talented student.

62140H SPANISH I FOR SPANISH SPEAKERS

Service ID: 03440110

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course is designed for students with some knowledge of the Spanish language. The major goal is to enable students to communicate effectively orally and in written form by applying the four basic skills. It also includes vocabulary, grammatical structure, and experience in reading and writing in order to develop the ability to communicate in Spanish on topics of practical value to improve students' abilities in the command of the Spanish language. Instruction is conducted in Spanish with limited English support. The student will be taught to read and write in Spanish.

62150B SPANISH LANG & LIT MYP YR 4 (MYP SPANISH I LANGUAGE & LITERATURE)

Service ID: 03440110

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course is designed for students with some knowledge of the Spanish language. The major goal is to enable students to communicate effectively orally and in written form by applying the four basic skills. It also includes vocabulary, grammatical structure, and experience in reading and writing in order to develop the ability to communicate in Spanish on topics of practical value to improve students' abilities in the command of the Spanish language. Instruction is conducted in Spanish with limited English support. The student will be taught to read and write in Spanish.

NOTE: This advanced course serves the identified gifted/talented student.

62220H SPANISH II MONOLINGUAL**Service ID: 03440200****Lowest Grade Placement: 9****Credit: 1****Prerequisite: SPANISH I****Weight: 0**

This course is designed for non-Spanish speakers. It is a continuation of Spanish I. The oral proficiency method is emphasized, and conversation, as well as survival skills, are studied with emphasis on Spanish grammar structure. All four basic skills are reinforced. Also, students study the cultural aspects and traditions of Hispanic countries. Students read a variety of selections. By the end of the year, non-native speakers should be able to communicate at an understandable level with native speakers. Instruction is conducted in Spanish and English.

62230H SPANISH MYP YEAR 5 (MYP SPANISH II)**Service ID: 03440200****Lowest Grade Placement: 9****Credit: 1****Prerequisite: MYP Spanish Year 4****Weight: 0**

This one-year advanced course is designed to meet the 2nd year Language Acquisition requirement for the IB MYP Certificate, as well as the second language requirement of the state of Texas. This course includes the skills of speaking, writing, listening, and reading in the Spanish language. These topics are focused through the five areas of interaction. This course prepares students for the IB Diploma Programme.

NOTE: This advanced course serves the identified gifted/talented student.

62240H SPANISH II FOR SPANISH SPEAKERS**Service ID: 03440220****Lowest Grade Placement: 9****Credit: 1****Recommended Prerequisite: SPANISH I for SPANISH SPEAKERS****Weight: 0**

This course is designed for Spanish-speaking students. It is a continuation of Spanish I for heritage speakers. Communicating effectively is a main objective acquired through oral proficiency methods. The four basic skills (Listening, Speaking, Reading, and Writing) are embedded. In particular, the course includes preparation for upper level Spanish classes. In addition, students acquire knowledge of Spanish speaking countries. Instruction is conducted in Spanish only.

62320H SPANISH III MONOLINGUAL**Service ID: 03440300****Lowest Grade Placement: 9****Credit: 1****Prerequisite: Spanish II MONOLINGUAL****Weight: 0**

This course is designed with emphasis on the oral proficiency method. Conversation, as well as survival skills, are studied using Spanish grammar structure. Listening, Speaking, Reading, and Writing are reinforced. Also, students

study the cultural aspects and traditions of Hispanic countries. Students read and study short stories and excerpts from novels. By the end of the year, nonnative speakers should be able to communicate easily with Spanish speakers on an intermediate level. Instruction is conducted in Spanish and English.

62350B INTERNATIONAL BACCALAUREATE (IB) SPANISH SL Y1

Service ID: I3440400

Lowest Grade Placement: 11

Credit: 1

Prerequisite: MYP Spanish II

Weight: 0

This course is designed to prepare students for the IB Spanish standard level class. The emphasis is on oral proficiency. Conversation as well as survival skills are studied with emphasis on Spanish grammar structure. All four basic skills are reinforced. Students also study the cultural aspects and traditions of Hispanic countries. Students read and study short stories and excerpts from novels. By the end of the year, non-native speakers should be able to communicate easily with native speakers on an intermediate level.

NOTE: This advanced course serves the identified gifted/talented student.

62520H ADVANCED PLACEMENT (AP) SPANISH LANGUAGE AND CULTURE

Service ID: A3440100

Lowest Grade Placement: 9

Credit: 1

Recommended Prerequisite: Spanish I - III for Spanish Speakers

Weight: 0

This course is designed as a college-level course, which will prepare students to take the Spanish Language Advanced Placement Examination. This course is designed for students who have a high proficiency of the Spanish oral language and mastery of grammar studied during the first two years. This course includes additional emphasis on the study of grammar and reading about history, literature, music, art, and customs of Spanish-speaking countries (Latin America and Spain) using authentic resources. Instruction is conducted in Spanish only.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student.

62523D SPANISH III STC DUAL ENROLLMENT

Service ID: 03440330

Lowest Grade Placement: 9

Credit: 1.0

College Credit: Spanish 2313 (3 college hours)

Recommended Prerequisite: Spanish I - III for Spanish Speakers

Weight: 0

This course builds upon existing proficiencies of heritage speakers of Spanish. Enhances proficiencies in the home-based language by developing a full range of registers including public speaking and formal written discourse. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

NOTE: This advanced course also serves the identified gifted/talented student.

62540H ADVANCED PLACEMENT (AP) SPANISH LITERATURE AND CULTURE**Service ID: A3440200****Lowest Grade Placement: 10****Credit: 1****Prerequisite: STC Dual Spanish 2313 or AP Spanish Language****Weight: 0**

This is a college-level course, which will prepare students to take the Spanish Literature Advanced Placement Examination and is designed for students who have a high proficiency of the Spanish oral language and mastery of grammar studied during previous years of Spanish. This course includes the study of literature, literary terminology, music, art and customs of Spanish speaking countries (Latin America and Spain). The emphasis of this course is on the literature of Spanish and Latin America authors required by the College Board. Instruction is conducted in Spanish only.

NOTE: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student.

62543D SPANISH IV STC DUAL ENROLLMENT**Service ID: 03440440****Lowest Grade Placement: 10****Credit: 1.0****College Credit: Spanish 2315 (3 college hours)****Prerequisite: AP Spanish Language****Weight: 0**

This course is a second semester course and awards 3 college credit hours. The course builds upon existing proficiencies of heritage speakers of Spanish. Enhances proficiencies in the home-based language by developing a full range of registers including public speaking and formal written discourse. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

NOTE: This advanced course also serves the identified gifted/talented student.

62550B INTERNATIONAL BACCALAUREATE (IB) SPANISH SL Y2**Service ID: I3440400****Lowest Grade Placement: 12****Credit: 1****Prerequisite: International Baccalaureate (IB) Spanish SL Y1****Weight: 0**

This course is designed to meet the standard level or the 1st year of the Higher Level Language Acquisition requirement for the IB Diploma. This course culminates in the Language Acquisition standard level exam in Spanish. It is intended for students who have a command of the Spanish oral language and a high-level mastery of grammar. The sequence includes an in-depth study of grammar integrated with the study of history, literature, art, music and customs of the Spanish speaking countries. Students are required to complete an oral commentary in Spanish that is internally assessed and externally moderated.

NOTE: College credit may be granted for scores on this exam. This advanced course serves the identified gifted/talented student.

62570B INTERNATIONAL BACCALAUREATE (IB) SPANISH HL Y2**Service ID: I3440500****Lowest Grade Placement: 12****Credit: 1****Prerequisite: International Baccalaureate (IB) Spanish SL Y1****Weight: 0**

This course is designed to meet the 2nd year of the Higher Level Language Acquisition requirement for the IB Diploma. This course culminates in the Language Acquisition Higher Level Exam in Spanish. It is intended for students who have a command of the Spanish oral language and a high-level mastery of grammar. The sequence includes an in-depth study of grammar integrated with the study of history, literature, art, music and customs of the Spanish speaking countries. Students are required to complete an oral commentary in Spanish that is internally assessed and externally moderated.

NOTE: College credit may be granted for scores on this exam. This advanced course serves the identified gifted/talented student.

62580B IB SPANISH LANGUAGE AND LITERATURE SL Y1**Service ID: I3220500****Lowest Grade Placement: 11****Credit: 1****Prerequisite: MYP Spanish I and MYP Spanish II****Weight: 0**

This advanced academic course is designed to meet the needs of the Language A component of the IB DP. This course taken in conjunction with Language and Literature taught in English will earn a student the Bilingual IB Diploma distinction and will take the place of the Language Acquisition component of the DP. A key aim of the Language A: Language and Literature course is to encourage students to question the meaning generated by language and texts, which, it can be argued, is rarely straightforward and unambiguous. Helping students to focus closely on the language of the texts they study and to become aware of the role of each text's wider context in shaping its meaning is central to the course. The language A: Language and Literature course aims to develop students' skills of textual analysis and the understanding that texts, both literary and non-literary, can be seen as autonomous yet simultaneously related to culturally determined reading practices. This course will prepare students for the IB Language and Literature SL examination in Spanish. Students who enroll in this course should be literate and fluent in the Spanish language.

Note: This advanced course serves identified gifted/talented students.

62580B/62590B IB SPANISH LANGUAGE AND LITERATURE SL Y2**Service ID: I3220500****Lowest Grade Placement: 12****Credit: 1****Prerequisite: IB Spanish Language and Literature SL Y1****Weight: 0**

The Language A: Language and Literature course aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices, and to encourage students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading

practices that are culturally defined and by the circumstances of production and reception. Helping students to focus closely on the language of studied texts and to become aware of the role of wider context in shaping meaning is central to the course. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres and media. This course taught in Spanish taken in conjunction with IB Literature HL may result in a Bilingual IB Diploma if the student successfully completes both courses as well as all requirements of the IB Diploma.

Note: This advanced course serves identified gifted/talented students.

63120H AMERICAN SIGN LANGUAGE I

Service ID: 03980100

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course is designed for students to gain beginning skills and concepts that result in a basic understanding of the grammar of American Sign Language. Students are given the opportunity to develop both receptive and expressive skills in order to communicate with deaf individuals. Students learn about the anatomy of the ear, and how sound travels through the ear. An awareness of the history and culture of deaf people, as well as information on deaf role models, are included in the course.

63220H AMERICAN SIGN LANGUAGE II

Service ID:3980200

Lowest Grade Placement: 10

Credit: 1

Prerequisite: American Sign Language I

Weight: 0

This course is designed for students to expand their understanding of the grammar and vocabulary of American Sign Language studied during the first level course. Students are given the opportunity to continue to develop both their receptive and expressive skills in order to communicate effectively with deaf individuals. An awareness of the history and culture of deaf people, opportunities to interact with the deaf community and information on deaf role models are included in the course. Students also study different sign language systems in existence.

63320H AMERICAN SIGN LANGUAGE III

Service ID:3980300

Lowest Grade Placement: 11

Credit: 1

Prerequisite: American Sign Language I and II

Weight: 0

This course is designed for students to build on their understanding of the grammar and vocabulary of American Sign Language studied in the second level course. Students are provided the opportunity to continue to develop their skills to communicate effectively with deaf individuals.

Career and Technical Education

CAREER TECHNICAL EDUCATION HIGH SCHOOL PROGRAM

Career Technical Education, CTE is focused on improving academic and technical educational opportunities for students, including rigorous and relevant career preparation. By affording Programs of Study, students are equipped with 21st century skills that prepare students for a highly competitive global economy. CTE creates Programs of Study that empower students to secure high-wage, high skilled employment and seek advanced education and training. In addition, CTE Programs of Study:

- (1) Increase students' options for professional licenses and certificates
- (2) Meet the needs of current labor market
- (3) Enhance college and career readiness skills

Students who are interested in taking CTE courses should speak to their CTE counselor, refer to the [Career Connections booklet](#), and follow all pre-registration and registration deadlines. Some CTE courses are categorized as limited seating. Priority for limited seating courses will be given to students who have followed the sequence of courses for the selected program of study. In the event a course with limited seating is not available, students should meet with their CTE counselor for alternate course recommendations that will satisfy Endorsement graduation requirements. Please refer to the link for more details. [Limited Seating Courses Process and Timeline](#)

Agriculture, Food, and Natural Resources

Animal Science *Statewide Program of Study*

70010H PRINCIPLES OF AGRICULTURE FOOD & NATURAL RESOURCES

Service ID: 13000200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course is designed to introduce the agriculture industry to students. It explores this industry at all levels: world, national, state and local. The course includes all areas of agricultural production, career development, leadership training, personal communication skills, finance, animal industry, plant industry and agricultural mechanization. This course is designed to enhance students' abilities in agriculture in the areas of animal production, soil management, plant science, agriculture mechanics, record keeping, leadership and livestock/plant evaluation.

70410H LIVESTOCK PRODUCTION

Service ID: 13000300

Lowest Grade Placement: 10

Credit: 1

Recommended Prerequisite: Principles of Ag, Food & Natural Resources

Weight: 0

In this course, students will gain technical knowledge and skills to prepare for careers in the field of animal science and livestock management. Students will explore nutrition, reproduction, health, and management of livestock and poultry. This course will study topics such as common livestock and poultry breeds; internal and external anatomies; evaluation of livestock; feeds and feeding techniques; breeding advancements; and management skills.

NOTE: This course may satisfy curriculum requirements for ICEV Animal Science certificate.

70430H ADVANCED ANIMAL SCIENCE

Service ID: 13000700

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Biology, Chemistry

Level: CP (Honors beginning with 2020-2021 Freshmen cohort)

Weight: 5 (10 beginning with 2020-2021 Freshmen cohort)

Advanced Animal Science is a class that prepares students for careers in the field of animal science. Students will acquire knowledge and skills related to animal systems, principles of genetics and breeding systems for livestock improvement; examines anatomy and physiology in livestock species; recognizes policies and issues in animal science; discusses slaughter livestock operations; and explores methods of marketing livestock. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production.

NOTE: This course will meet the Advanced Science graduation requirement. This course may satisfy curriculum requirements for ICEV veterinary medical applications certificate. (Elanco Fundamentals of Animal Science Certification)

70110H PRACTICUM IN AGRICULTURE, VETERINARY

Service ID: 13002500

Lowest Grade Placement: 12

Credit: 2

Weight: 0

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food and Natural Resources Career Cluster.

Note: This will be a district-wide class held at each high school. Classes at Memorial will focus on Animal Science while classes at McHi and Rowe will focus on Welding. Transportation by school bus is required for students not attending their home campus. This course may satisfy curriculum requirements for ICEV veterinary medical applications certificate. (Elanco Veterinary Medical Applications Certification)

Agriculture Technology and Mechanical Systems

Statewide Program of Study

70010H PRINCIPLES OF AGRICULTURE FOOD & NATURAL RESOURCES

Service ID: 13000200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course is designed to introduce the agriculture industry to students. It explores this industry at all levels: world, national, state and local. The course includes all areas of agricultural production, career development, leadership training, personal communication skills, finance, animal industry, plant industry and agricultural mechanization. This course is designed to enhance students' abilities in agriculture in the areas of animal production, soil management, plant science, agriculture mechanics, record keeping, leadership and livestock/plant evaluation.

71010H WELDING AGRICULTURAL MECHANICS

Service ID: 13002200

Lowest Grade Placement: 10

Credit: 1

Recommended Prerequisite: Principles of Ag, Food & Natural Resources

Weight: 0

This course is designed to be a project researched based course where students develop skills in safety, carpentry, electricity, plumbing, masonry, fence building, painting, metalworking, welding processes and related careers. This lab-based technical course is also designed to develop skills in designing and fabricating metal equipment and structures. Emphasis is placed on design, mechanical drawings and assembly using modern metal fabrication techniques and technology.

NOTE: This course may satisfy the curriculum requirements for AWS Welding certificate.

70100H PRACTICUM IN AGRICULTURE, WELDING

Service ID: 13002500

Lowest Grade Placement: 12

Credit: 2

Weight: 0

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food and Natural Resources Career Cluster.

Note: This will be a district-wide class held at each high school. Classes at Memorial will focus on Animal Science while classes at McHi and Rowe will focus on Welding. Transportation by school bus is required for students not attending their home campus. This course may satisfy curriculum requirements for ICEV Veterinary Medical Application Certificate. (AWS D1.1 Structural Steel Welding)

Architecture and Construction

HVAC and Sheet Metal *Statewide Program of Study*

83001D PRINCIPLES OF CONSTRUCTION

Service ID: 13004220

Lowest Grade Placement: 11

Credit: 1

College Credit: HART 1401 (4 college hours)

Weight: 0

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

Note: This course is taught at South Texas College at the Technology Campus. Transportation by school bus is required. This course is the first part of a two-semester course.

83002D PRINCIPLES OF CONSTRUCTION

Service ID: 13004220

Lowest Grade Placement: 11

Credit: 1

College Credit: HART 1410 (4 college hours)

Weight: 0

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

Note: This course is taught at South Texas College at the Technology Campus. Transportation by school bus is required. This course is the second part of a two-semester course.

83101D HEATING, VENTILATION, AND AIR CONDITIONING I STC DUAL ENROLLMENT

Service ID: 13005800

Lowest Grade Placement: 11

Credit: 1

College Credit: HART 1407 (4 college hours)

Weight: 0

HVAC I will continue advance instruction in the following areas of study: Basic Electricity for HVAC, Refrigeration Principles, HVAC Shop Practices and Tools, and Gas & Electrical Heating.

Note: This course is taught at South Texas College at the Technology Campus. Transportation by school bus is required. This course is the first part of a two-semester course.

83102D HEATING, VENTILATION, AND AIR CONDITIONING I STC DUAL ENROLLMENT**Service ID: 13005800****Lowest Grade Placement: 11****Credit: 1****College Credit: HART 2445 (4 college hours)****Weight: 0**

HVAC I will continue advance instruction in the following areas of study: Basic Electricity for HVAC, Refrigeration Principles, HVAC Shop Practices and Tools, and Gas & Electrical Heating.

Note: This course is taught at South Texas College at the Technology Campus. Transportation by school bus is required. This course is the second part of a two-semester course.

83111D HEATING, VENTILATION, AND AIR CONDITIONING II STC DUAL ENROLLMENT**Service ID: 13005900****Lowest Grade Placement: 12****Credit: 1****College Credit: HART 1445 & HART 2431 (8 college hours)****Prerequisite: Practicum in Heating, Ventilation, and Air Conditioning****Weight: 0**

HVAC II is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Instruction will include the following areas of study: Advanced Electricity for HVAC, Air Conditioning Systems Design, Advanced Air Condition Controls, & Capstone: Air Conditioning Installation and Start up.

Note: This course is taught at South Texas College at the Technology Campus. Transportation by school bus is required. After completing Principles of Construction, HVAC I and II, students will need to continue their course study at STC to complete the STC Certificate in Heating, Ventilation, and Air Conditioning.

83112D HEATING, VENTILATION, AND AIR CONDITIONING II STC DUAL ENROLLMENT**Service ID: 13005900****Lowest Grade Placement: 12****Credit: 1****College Credit: HART 2438 & HART 2441 (8 college hours)****Prerequisite: Practicum in Heating, Ventilation, and Air Conditioning****Weight: 0**

HVAC II is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Instruction will include the following areas of study: Advanced Electricity for HVAC, Air Conditioning Systems Design, Advanced Air Condition Controls, & Capstone: Air Conditioning Installation and Start up.

Note: This course is taught at South Texas College at the Technology Campus. Transportation by school bus is required. After completing Principles of Construction, HVAC I and II, students will need to continue their course study at STC to complete the STC Certificate in Heating, Ventilation, and Air Conditioning.

Arts, A/V Technology, and Communications

Digital Communications *Statewide Program of Study*

81010H PRINCIPLES OF ARTS, AUDIO VIDEO TECHNOLOGY, AND COMMUNICATIONS

Service ID: 13008200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

The goal of this course is for students to understand arts, audio/video technology, and communications systems. Within the context of this course, students will be expected to develop an understanding of the various and multifaceted career opportunities in this area and the knowledge, skills, and educational requirements of those opportunities.

80720H AUDIO VIDEO PRODUCTION I

Service ID: 13008500

Lowest Grade Placement: 10

Credits: 2

Weight: 0

This course is designed to provide students with specific training for entry-level employment in radio and television production careers. It includes operation of different types of cameras, mastery of audio techniques, electronic editing, creation of media graphics, lighting, script writing, direction, production, special effects, signal control and monitoring equipment, set design, entrepreneurship, safety, leadership and career opportunities.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required.

80740H AUDIO VIDEO PRODUCTION II

Service ID: 13008600

Lowest Grade Placement: 11

Credits: 2

Prerequisite: Audio Video Production I

Weight: 0

This course is designed to provide instruction in advanced broadcast writing for newscast, commercials, public Service announcements, dramas, and other school district projects. Students are encouraged to seek internships with local television and radio station production companies and other audio concerns. Student productions are aired over local cable when time permits.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required. This course may satisfy curriculum requirements for Adobe Premiere Pro Certificate.

80760H PRACTICUM AUDIO/VIDEO PRODUCTION

Service ID: 13008700

Lowest Grade Placement: 12

Credits: 2

Prerequisite: Audio Video Production I or Advanced Audio Video Production Co-op

Weight: 0

This course is designed as an advanced TV/Film production class. In-studio production techniques are the focus of the class. Instruction is given in studio lighting, set design, field producing and reporting. Instruction is also given for live-to-tape productions including Friday night football games. Students produce broadcast-quality shows for air on local cable channel and for competition. College and Career paths are researched.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required.

Graphic Design and Interactive Media

Statewide Program of Study

81020H GRAPHIC DESIGN & ILLUSTRATION I

Service ID: 13008800

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This is a computer-based course designed to provide advanced knowledge and skills acquisition of the contemporary resources, processes and impacts of graphic communications technology. Activities in this course may include graphic design and computerized image composition.

NOTE: This course may satisfy the curriculum requirements for Adobe Illustrator and Photoshop Certificate.

80320H COMMERCIAL PHOTOGRAPHY I

Service ID: 13009100

Lowest Grade Placement: 11

Credits: 2

Weight: 0

This course is designed as a pre-employment lab course to provide students with instruction in the use of the tools of commercial photography including cameras, lighting equipment, darkroom equipment for both color and black and white photography and computer image manipulation using Adobe Photoshop. Trained in portrait and advertising photography, as well as instruction in the areas of business knowledge skills and human relations, is also provided.

NOTE: This course is taught at Memorial High School. Transportation by school bus is required.

80340H COMMERCIAL PHOTOGRAPHY II

Service ID: 13009200

Lowest Grade Placement: 12

Credits: 2

Prerequisite: Commercial Photography I

Weight: 0

This course is designed for students interested in photography employment or going into business for themselves as photographers (freelance, studio, etc.). Students are exposed to professionals in the field of photography; trained in retouching and restoration techniques with Adobe Photoshop. Students are taught the principles of free enterprise and setting up their own business. Students completing this course are prepared for gainful employment in the field of photography.

NOTE: This course is taught at Memorial High School. Transportation by school bus is required. This course may satisfy curriculum requirements for Adobe Photo Shop Certificate.

81010H PRINCIPLES OF ARTS, AUDIO VIDEO TECHNOLOGY, AND COMMUNICATIONS

Service ID: 13008200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

The goal of this course is for students to understand arts, audio/video technology, and communications systems. Within the context of this course, students will be expected to develop an understanding of the various and multifaceted career opportunities in this area and the knowledge, skills, and educational requirements of those opportunities.

81130H GRAPHIC DESIGN AND ILLUSTRATION II

Service ID: 13008900

Lowest Grade Placement: 11

Credits: 2

Prerequisites: Graphic Design and Illustration I

Weight: 0

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required. This course may satisfy Adobe Dreamweaver.

81131D GRAPHIC DESIGN AND ILLUSTRATION II STC DUAL ENROLLMENT

Service ID: 13008900

Lowest Grade Placement: 11

Credit: 1

College Credit: ITSC 1409 (4 college hours)

Prerequisites: Graphic Design and Illustration I

Weight: 0

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required. This course may satisfy Adobe Dreamweaver. This course is the first part of a two-semester course.

81132D GRAPHIC DESIGN AND ILLUSTRATION II STC DUAL ENROLLMENT**Service ID: 13008900****Lowest Grade Placement: 11****Credit: 1****College Credit: ITSC 1411 (4 college hours)****Prerequisites: Graphic Design and Illustration I****Weight: 0**

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required. This course may satisfy Adobe Dreamweaver. This course is the second part of a two-semester course.

81160H PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION**Service ID: 13009000****Lowest Grade Placement: 12****Credits: 2****Prerequisites: Graphic Design and Illustration II****Weight: 0**

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio Video Technology, and Communications career cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

NOTE: This class is taught at McAllen High School. Transportation by school bus is required. This course may satisfy the curriculum requirements for Adobe InDesign or STC Multimedia Certificate.

81161D PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION STC DUAL ENROLLMENT**Service ID: 13009000****Lowest Grade Placement: 12****Credit: 1****College Credit: IMED 1445 (4 college hours)****Prerequisites: Graphic Design and Illustration II****Weight: 0**

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio Video Technology, and Communications career cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

NOTE: This class is taught at McAllen High School. Transportation by school bus is required. This course may satisfy the curriculum requirements for Adobe InDesign or STC Multimedia Certificate. This course is the first part of a two-semester course.

81162D PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION STC DUAL ENROLLMENT**Service ID: 13009000****Lowest Grade Placement: 12****Credit: 1****College Credit: ARTC 1413 (4 college hours)****Prerequisites: Graphic Design and Illustration II****Weight: 0**

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio Video Technology, and Communications career cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

NOTE: This class is taught at McAllen High School. Transportation by school bus is required. This course may satisfy the curriculum requirements for Adobe InDesign or STC Multimedia Certificate. This course is the second part of a two-semester course.

Business, Marketing, and Finance

Accounting and Financial Services *Statewide Program of Study*

74510H PRINCIPLES OF BUSINESS, MARKETING AND FINANCE

Service ID: 13011200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

In this course students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and Services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

74140H TRANSITION BIM I

Service ID: 13011400

Lowest Grade Placement: 9

Credit: 1 BIM I credit

Weight: 0

This course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. Students explore and research career interests and a variety of post-secondary options. In addition, students learn and apply technical skills to address the personal and business applications of emerging technologies. Students learn the applications of word processing, spreadsheet, desktop publishing, database technology and presentation media. With appropriate supervision, students exchange information via telecommunications. Additionally, this course will provide instruction on proper interaction with a peace officer. This course will also incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course satisfies the High School College Transition local graduation requirement and SB 30 Proper Interactions with a Peace Officer state graduation requirement. This course may also satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

74140B TRANSITION BIM I MYP YEAR 4

Service ID: 13011400

Lowest Grade Placement: 9

Credit: 1 BIM I credit

Weight: 0

This course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. Students explore and research career interests and a variety of post-secondary options. In addition, students learn and apply technical skills to address the personal and business applications of emerging technologies. Students learn the applications of word processing, spreadsheet, desktop publishing, database technology and presentation media. With appropriate supervision, students exchange information via telecommunications. Additionally, this course will provide instruction on proper interaction with a peace officer. This course will also incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course satisfies the High School College Transition local graduation requirement and SB 30 Proper Interactions with a Peace Officer state graduation requirement. This course may also satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

74150H TRANSITION BIM I/AVID I

Service ID: 13011400

Lowest Grade Placement: 9

Credit: 1 BIM I credit/1 AVID credit

Weight: 0

This course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. Students explore and research career interests and a variety of post-secondary options. In addition, students learn and apply technical skills to address the personal and business applications of emerging technologies. Students learn the applications of word processing, spreadsheet, desktop publishing, database technology and presentation media. With appropriate supervision, students exchange information via telecommunications. Through the AVID curriculum, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth and participate in activities that promote leadership development. Additionally, this course will provide instruction on how to interact with a peace officer. This course will also incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course satisfies the High School College Transition local graduation requirement and SB 30 Proper Interactions with a Peace Officer state graduation requirement. This course may also satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

74170H PREP BIM I

Service ID: 13011400

Lowest Grade Placement: 10

Credit: 1 BIM I credit

Weight: 0

Professional Readiness and Employment Preparation (PREP) is a local graduation requirement. Students will demonstrate college success skills, computer technology skills, and employability skills necessary for success in the workplace and college. A career interest and aptitude survey are completed to assist in decision making in the selection of colleges and during career advisement. Students apply technical skills to address business applications

and will create word-processing documents, develop spreadsheets, formulate databases, and make multimedia presentations using appropriate software. This course will incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course may satisfy the curriculum requirements for the (MOS) Microsoft Office Specialist Certificate.

72120H ACCOUNTING I

Service ID: 13016600

Lowest Grade Placement: 11

Credit: 1

Weight: 0

This course introduces students to the accounting cycles for Service and merchandising business. Students learn to recognize the different forms of business organizations such as proprietorship, partnership, corporation and non-profit. Banking and payroll procedures are performed as well as special accounting procedures such as depreciation, bad debts, notes payable and notes receivable. Job simulations are a vital part of the course.

NOTE: This course may satisfy the curriculum requirements for QuickBooks Certificate.

72121D ACCOUNTING I STC DUAL ENROLLMENT

Service ID: 13016600

Lowest Grade Placement: 11

Credit: 0.5

College Credit: ACNT 1303 (3 college hours)

Weight: 0

This course introduces students to the accounting cycles for Service and merchandising business. Students learn to recognize the different forms of business organizations such as proprietorship, partnership, corporation and non-profit. Banking and payroll procedures are performed as well as special accounting procedures such as depreciation, bad debts, notes payable and notes receivable. Job simulations are a vital part of the course.

NOTE: This course may satisfy the curriculum requirements for QuickBooks Certificate. This course is the first part of a two-semester course.

72122D ACCOUNTING I STC DUAL ENROLLMENT

Service ID: 13016600

Lowest Grade Placement: 11

Credit: 0.5

College Credit: ACNT 1411 (4 college hours)

Weight: 0

This course introduces students to the accounting cycles for Service and merchandising business. Students learn to recognize the different forms of business organizations such as proprietorship, partnership, corporation and non-profit. Banking and payroll procedures are performed as well as special accounting procedures such as depreciation, bad debts, notes payable and notes receivable. Job simulations are a vital part of the course.

NOTE: This course may satisfy the curriculum requirements for QuickBooks Certificate. This course is the second part of a two-semester course.

72220H ACCOUNTING II**Service ID: 13016700****Lowest Grade Placement: 11****Credit: 0.5****Prerequisite: Algebra I and Accounting I and concurrently enrolled in Algebra II****Level: CP (Beginning with 2023-2024 Freshmen cohort)****Weight: 5 (Beginning with 2023-2024 Freshmen cohort)**

This course invites students to continue the investigation in the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operations accounting activities. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

NOTE: This course may satisfy the curriculum requirements for Math under the Foundation High School Program (FHSP) and the VITAS Basic Certification.

72230H FINANCIAL MATHEMATICS**Service ID: 13018000****Lowest Grade Placement: 11****Credit: 1****Prerequisite: Algebra I****Level: CP (Beginning with 2024-2025 *Junior* cohort)****Weight: 5 (Beginning with 2024-2025 *Junior* cohort)**

Students will use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution. Students will select appropriate tools such as real objects, manipulatives, paper and pencil, and technology and techniques such as mental math, estimation, and number sense to solve problems. Students will effectively communicate mathematical ideas, reasoning, and their implication using multiple representations such as symbols, diagrams, graphs, and language. Students will use mathematical relationships to generate solutions and make connections and predictions. Students will analyze mathematical relationships to connect and communicate mathematical ideas. Students will display, explain, or justify mathematical ideas and arguments using precise mathematical language in written or oral communication.

Note: This course may satisfy the curriculum requirements for Finance and VITAS Advanced Certification.

74730H CAREER PREPARATION I BUSINESS MANAGEMENT**Service ID: 12701141****Lowest Grade Placement: 11****Credits: 2****Weight: 0**

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment services. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate, STC Introduction to Sales Certificate, and STC Customer Service Certificate.

74750H CAREER PREPARATION II BUSINESS MANAGEMENT

Service ID: 12701142

Lowest Grade Placement: 11

Credits: 3

Weight: 0

Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate, STC Introduction to Sales Certificate, and STC Customer Service Certificate.

Business Management *Statewide Program of Study*

74510H PRINCIPLES OF BUSINESS, MARKETING AND FINANCE

Service ID: 13011200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

In this course students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and Services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

74140H TRANSITION BIM I

Service ID: 13011400

Lowest Grade Placement: 9

Credit: 1 BIM I credit

Weight: 0

This course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. Students explore and research career interests and a variety of post-secondary options. In addition, students learn and apply technical skills to address the personal and business applications of emerging technologies. Students learn the applications of word processing, spreadsheet, desktop publishing, database technology and presentation media. With appropriate supervision, students exchange information via telecommunications. Additionally, this course will provide instruction on proper interaction with a peace officer. This course will also incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course satisfies the High School College Transition local graduation requirement and SB 30 Proper Interactions with a Peace Officer state graduation requirement. This course may also satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

74140B TRANSITION BIM I MYP YEAR 4

Service ID: 13011400

Lowest Grade Placement: 9

Credit: 1 BIM I credit

Weight: 0

This course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. Students explore and research career interests and a variety of post-secondary options. In addition, students learn and apply technical skills to address the personal and business applications of emerging technologies. Students learn the applications of word processing, spreadsheet, desktop publishing, database technology and presentation media. With appropriate supervision, students exchange information via telecommunications. Additionally, this course will provide instruction on proper interaction with a peace officer. This course will also incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course satisfies the High School College Transition local graduation requirement and SB 30 Proper Interactions with a Peace Officer state graduation requirement. This course may also satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

74150H TRANSITION BIM I/AVID I

Service ID: 13011400

Lowest Grade Placement: 9

Credit: 1 BIM I credit/1 AVID I credit

Weight: 0

This course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. Students explore and research career interests and a variety of post-secondary options. In addition, students learn and apply technical skills to address the personal and business applications of emerging technologies. Students learn the applications of word processing, spreadsheet, desktop publishing, database technology and presentation media. With appropriate supervision, students exchange information via telecommunications. Through the AVID curriculum, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth and participate in activities that promote leadership development. Additionally, this course will provide instruction on how to interact with a peace officer. This course will also incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course satisfies the High School College Transition local graduation requirement and SB 30 Proper Interactions with a Peace Officer state graduation requirement. This course may also satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

74170H PREP BIM I**Service ID: 13011400****Lowest Grade Placement: 10****Credit: 1 BIM I credit****Weight: 0**

Professional Readiness and Employment Preparation (PREP) is a local graduation requirement. Students will demonstrate college success skills, computer technology skills, and employability skills necessary for success in the workplace and college. A career interest and aptitude survey are completed to assist in decision making in the selection of colleges and during career advisement. Students apply technical skills to address business applications and will create word-processing documents, develop spreadsheets, formulate databases, and make multimedia presentations using appropriate software. This course will incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course may satisfy the curriculum requirements for the (MOS) Microsoft Office Specialist Certificate.

74270B PREP BIM II MYP YEAR 5**Service ID: 13011500****Lowest Grade Placement: 10****Credit: 1 BIM II credit****Prerequisite: Business Information Management I HSCT****Weight: 0**

Professional Readiness and Employment Preparation (PREP) is a local graduation requirement. PREP EQ BIM II is for students who have earned credit for BIM I. This course utilizes college success skills and reinforces employability skills and computer technology necessary for success in the workplace or college. A career interest and aptitude survey are used to assist in decision making in the selection of colleges and during career advisement. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and society to make a successful transition to the workforce and postsecondary education. Students apply advanced technical skills in information management to create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software. This course will incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course may satisfy the curriculum requirements for the (MOS) Microsoft Office Specialist Certificate.

74270H PREP BIM II**Service ID: 13011500****Lowest Grade Placement: 10****Credit: 1 BIM II credit****Prerequisite: Business Information Management I****Weight: 0**

Professional Readiness and Employment Preparation (PREP) is a local graduation requirement. PREP EQ BIM II is for students who have earned credit for BIM I. This course utilizes college success skills and reinforces employability skills and computer technology necessary for success in the workplace or college. A career interest and aptitude survey are used to assist in decision making in the selection of colleges and during career advisement. Students

implement personal and interpersonal skills to strengthen individual performance in the workplace and society to make a successful transition to the workforce and postsecondary education. Students apply advanced technical skills in information management to create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software. This course will incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course may satisfy the curriculum requirements for the (MOS) Microsoft Office Specialist Certificate.

74280H PREP BIM II /AVID II

Service ID: 13011500

Lowest Grade Placement: 10

Credit: 1 BIM II credit/1 AVID II credit

Prerequisite: Transition BIM I / AVID I

Weight: 0

Professional Readiness and Employment Preparation (PREP) is a local graduation requirement. Students will demonstrate college success skills, computer technology skills, and employability skills necessary for success in the workplace and college. A career interest and aptitude survey are completed to assist in decision making in the selection of colleges and during career advisement. Students apply technical skills to address business applications and will create word-processing documents, develop spreadsheets, formulate databases, and make multimedia presentations using appropriate software. Through the AVID curriculum, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth and participate in activities that promote leadership development. This course will incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course meets participation for AVID II curriculum. This course may satisfy the curriculum requirements for the (MOS) Microsoft Office Specialist Certificate.

74220H BUSINESS INFORMATION MANAGEMENT II

Service ID: 13011500

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Business Information Management I

Weight: 0

In this course, students will implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

NOTE: This course may satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

73110H BUSINESS LAW

Service ID: 13011700

Lowest Grade Placement: 10

Credit: 1

Weight: 0

Students analyze the social responsibility of business and industry regarding the significant issues relating to the legal environment, business ethics, torts, contracts, negotiable financial instruments, personal property, sales and warranties, business organization, concept of agency and employment, and real property. Students apply technical skills to address business applications of contemporary legal issues. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical and international dimensions of business to make appropriate business decisions.

72320H BUSINESS MANAGEMENT

Service ID: 13012100

Lowest Grade Placement: 11

Credit: 1

Weight: 0

This course is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

72321D BUSINESS MANAGEMENT STC DUAL ENROLLMENT

Service ID: 13012100

Lowest Grade Placement: 11

Credit: 0.5

College Credit: BMGT 1301 (3 college hours)

Weight: 0

This course is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

NOTE: This course is the first part of a two-semester course.

72322D BUSINESS MANAGEMENT STC DUAL ENROLLMENT

Service ID: 13012100

Lowest Grade Placement: 11

Credit: 0.5

College Credit: BMGT 1305 (3 college hours)

Weight: 0

This course is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

NOTE: This course is the second part of a two-semester course.

74730H CAREER PREPARATION I BUSINESS MANAGEMENT

Service ID: 12701141

Lowest Grade Placement: 11

Credits: 2

Weight: 0

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment services. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate, STC Introduction to Sales Certificate, and STC Customer Service Certificate.

74750H CAREER PREPARATION II BUSINESS MANAGEMENT

Service ID: 12701142

Lowest Grade Placement: 11

Credits: 3

Weight: 0

Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate, STC Introduction to Sales Certificate, and STC Customer Service Certificate.

Entrepreneurship *Statewide Program of Study*

74510H PRINCIPLES OF BUSINESS, MARKETING AND FINANCE

Service ID: 13011200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

In this course students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and Services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

74140H TRANSITION BIM I**Service ID: 13011400****Lowest Grade Placement: 9****Credit: 1 BIM I credit****Weight: 0**

This course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. Students explore and research career interests and a variety of post-secondary options. In addition, students learn and apply technical skills to address the personal and business applications of emerging technologies. Students learn the applications of word processing, spreadsheet, desktop publishing, database technology and presentation media. With appropriate supervision, students exchange information via telecommunications. Additionally, this course will provide instruction on proper interaction with a peace officer. This course will also incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course satisfies the High School College Transition local graduation requirement and SB 30 Proper Interactions with a Peace Officer state graduation requirement. This course may also satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

74140B TRANSITION BIM I MYP YEAR 4**Service ID: 13011400****Lowest Grade Placement: 9****Credit: 1 BIM I credit****Weight: 0**

This course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. Students explore and research career interests and a variety of post-secondary options. In addition, students learn and apply technical skills to address the personal and business applications of emerging technologies. Students learn the applications of word processing, spreadsheet, desktop publishing, database technology and presentation media. With appropriate supervision, students exchange information via telecommunications. Additionally, this course will provide instruction on proper interaction with a peace officer. This course will also incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course satisfies the High School College Transition local graduation requirement and SB 30 Proper Interactions with a Peace Officer state graduation requirement. This course may also satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

74150H TRANSITION BIM I/AVID I**Service ID: 13011400****Lowest Grade Placement: 9****Credit: 1 BIM I credit/1 AVID I credit****Weight: 0**

This course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. Students explore and research career interests and a variety of post-secondary options. In addition, students learn and apply technical skills to address the personal and business applications of emerging technologies. Students learn the applications of word processing, spreadsheet, desktop publishing, database technology and presentation media. With appropriate supervision, students exchange information via telecommunications. Through the AVID curriculum, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth and participate in activities that promote leadership development. Additionally, this course will provide instruction on how to interact with a peace officer. This course will also incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course satisfies the High School College Transition local graduation requirement and SB 30 Proper Interactions with a Peace Officer state graduation requirement. This course may also satisfy the curriculum requirements for (MOS) Microsoft Office Specialist Certificate.

74170H PREP EQ BIM I

Service ID: 13011400

Lowest Grade Placement: 10

Credit: 1 BIM I credit

Weight: 0

Professional Readiness and Employment Preparation (PREP) is a local graduation requirement. Students will demonstrate college success skills, computer technology skills, and employability skills necessary for success in the workplace and college. A career interest and aptitude survey are completed to assist in decision making in the selection of colleges and during career advisement. Students apply technical skills to address business applications and will create word-processing documents, develop spreadsheets, formulate databases, and make multimedia presentations using appropriate software. This course will incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

NOTE: This course may satisfy the curriculum requirements for the (MOS) Microsoft Office Specialist Certificate.

75320H ENTREPRENEURSHIP I

Service ID: 13011101

Lowest Grade Placement: 10

Credit: 1

Weight: 0

This course is designed to focus on those marketing and managerial functions, which are critical to owning and operating a business. Application of broad marketing and management concepts and knowledge is provided through the development of marketing, financial and management plans for a business.

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate.

74440H ENTREPRENEURSHIP I (INCubator)**Service ID: 13011101****Lowest Grade Placement: 10****Credit: 1****Weight: 0**

This course is designed to learn and apply business start-up practices and concepts to projects students are passionate about. Students will build, test, learn, apply, and embrace the cycle of experimentation, which is core to entrepreneurship and is a great training for life. Students get comfortable with failing and learning from failure. Working in teams and being supported by a dynamic mix of teachers, coaches, and mentors all translates to deeper learning and skill-building.

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate.

75321D ENTREPRENEURSHIP STC DUAL ENROLLMENT**Service ID: 13011101****Lowest Grade Placement: 10****Credit: 0.5****College Credit: BUSI 1301 or BMGT 1301 (3 college hours)****Weight: 0**

This course is designed to focus on those marketing and managerial functions, which are critical to owning and operating a business. Application of broad marketing and management concepts and knowledge is provided through the development of marketing, financial and management plans for a business.

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate.

This course is the first part of a two-semester course.

75322D ENTREPRENEURSHIP STC DUAL ENROLLMENT**Service ID: 13011101****Lowest Grade Placement: 10****Credit: 0.5****College Credit: BUSG 2309 (3 college hours)****Weight: 0**

This course is designed to focus on those marketing and managerial functions, which are critical to owning and operating a business. Application of broad marketing and management concepts and knowledge is provided through the development of marketing, financial and management plans for a business.

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate.

This course is the second part of a two-semester course.

75330H ENTREPRENEURSHIP II**Service ID: 13011112****Lowest Grade Placement: 11****Credit: 1****Weight: 0**

This course prepares students with the knowledge and skills needed to become a successful entrepreneur within an

innovative marketplace. The goal and outcome of the course is for students to have their business launched by the end of the course or have the tools necessary to launch and operate their business. Students are encouraged to work in close cooperation with local industry leaders, community members, and educators to develop ideas and objectives, complete a business model canvas, pitch to potential investors, register with governmental agencies, develop their brand identity, and participate in local chamber of commerce meetings and events. The recommended participants are students in the CTE Entrepreneurship program of study, students in grades 11-12, and those interested in starting a business.

74450H ENTREPRENEURSHIP II (INCubator)

Service ID: 13011112

Lowest Grade Placement: 11

Credit: 1

Weight: 0

The INCubator program offers students an authentic entrepreneurial experience. In this program, students have the opportunity to create and fully develop a product or service. Real entrepreneurs and business experts as volunteer coaches and mentors, guide student teams through the Lean Startup processes of developing hypotheses about a business concept, testing those hypotheses, adapting, and further iteration. The program also includes foundational business topics such as marketing and finance.

74730H CAREER PREPARATION I BUSINESS MANAGEMENT

Service ID: 12701141

Lowest Grade Placement: 11

Credits: 2

Weight: 0

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment services. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate, STC Introduction to Sales Certificate, and STC Customer Service Certificate.

74750H CAREER PREPARATION II BUSINESS MANAGEMENT

Service ID: 12701142

Lowest Grade Placement: 11

Credits: 3

Weight: 0

Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate, STC Introduction to Sales Certificate, and STC Customer Service Certificate.

74250H PROJECT-BASED RESEARCH IN BUSINESS I**Service ID: 12701101****Lowest Grade Placement: 11****Credit: 1****Weight: 0**

This course is designed to be a project research-based course with a concentration on advanced word processing and spreadsheet skills. Students will conduct research, utilize business applications of emerging technologies, and apply advanced information management and technical skills. Students will present their projects to an audience using appropriate multimedia software.

74251D PROJECT-BASED RESEARCH IN BUSINESS I STC DUAL ENROLLMENT**Service ID: 12701101****Lowest Grade Placement: 11****Credit: 0.5****College credit: ITSC 1409 (4 college hours)****Weight: 0**

This course is designed to be a project research-based course with a concentration on advanced word processing and spreadsheet skills. Students will conduct research, utilize business applications of emerging technologies, and apply advanced information management and technical skills. Students will present their projects to an audience using appropriate multimedia software.

NOTE: This course is the first part of a two-semester course.

74252D PROJECT-BASED RESEARCH IN BUSINESS I STC DUAL ENROLLMENT**Service ID: 12701101****Lowest Grade Placement: 11****Credit: 0.5****College credit: ITSW 2434 (4 college hours)****Weight: 0**

This course is designed to be a project research-based course with a concentration on advanced word processing and spreadsheet skills. Students will conduct research, utilize business applications of emerging technologies, and apply advanced information management and technical skills. Students will present their projects to an audience using appropriate multimedia software.

NOTE: This course is the second part of a two-semester course.

74350H PROJECT-BASED RESEARCH IN BUSINESS II**Service ID: 12701102****Lowest Grade Placement: 12****Credit: 1****Weight: 0**

This course is designed to be a project research-based course with a concentration on database skills and print and digital publishing skills. Students will conduct research, utilize multimedia and publishing applications of emerging

technologies and apply technical skills learned during all aspects of the project. Students will present their projects to an audience using appropriate multimedia software.

NOTE: This course may satisfy curriculum requirements for STC Computer Applications Specialist Certificate.

74351D PROJECT-BASED RESEARCH IN BUSINESS II STC DUAL ENROLLMENT

Service ID: 12701102

Lowest Grade Placement: 12

Credit: 0.5

College Credit: ITSE 2409 (4 college hours)

Weight: 0

This course is designed to be a project research-based course with a concentration on database skills and print and digital publishing skills. Students will conduct research, utilize multimedia and publishing applications of emerging technologies and apply technical skills learned during all aspects of the project. Students will present their projects to an audience using appropriate multimedia software.

NOTE: This course may satisfy curriculum requirements for STC Computer Applications Specialist Certificate. This course is the first part of a two-semester course.

74352D PROJECT-BASED RESEARCH IN BUSINESS II STC DUAL ENROLLMENT

Service ID: 12701102

Lowest Grade Placement: 12

Credit: 0.5

College Credit: ARTC 1413 (4 college hours)

Weight: 0

This course is designed to be a project research-based course with a concentration on database skills and print and digital publishing skills. Students will conduct research, utilize multimedia and publishing applications of emerging technologies and apply technical skills learned during all aspects of the project. Students will present their projects to an audience using appropriate multimedia software.

NOTE: This course may satisfy curriculum requirements for STC Computer Applications Specialist Certificate. This course is the second part of a two-semester course.

74600H MOBILE APPLICATION DEVELOPMENT

Service ID: 03580390

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Algebra I

Weight: 0

This course introduces students to programming technologies, design, and development related to mobile applications. Topics include accessing device capabilities, industry standards, operating systems, and programming.

NOTE: This course is only offered at Rowe High School.

Marketing & Sales
Statewide Program of Study

74510H PRINCIPLES OF BUSINESS, MARKETING AND FINANCE

Service ID: 13011200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

In this course students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and Services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

74423H SPORTS AND ENTERTAINMENT MARKETING

Service ID: 13034600

Lowest Grade Placement: 9

Credit: 0.5

Weight: 0

Sports and Entertainment Marketing will provide students with a thorough understanding of marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

74413H SOCIAL MEDIA MARKETING

Service ID: 13034650

Lowest Grade Placement: 9

Credit: 0.5

Weight: 0

Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social medial tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

75520H CAREER PREPARATION I MARKETING

Service ID: 12701141

Lowest Grade Placement: 11

Credits: 2

Weight: 0

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate, STC Introduction to Sales Certificate, and STC Customer Service Certificate.

75540H CAREER PREPARATION II MARKETING

Service ID: 12701142

Lowest Grade Placement: 11

Credits: 3

Prerequisite: Career Preparation I

Weight: 0

Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

NOTE: This course may satisfy the curriculum requirements for Entrepreneurship and Small Business Certificate, STC Introduction to Sales Certificate, and STC Customer Service Certificate.

Education and Training

Teaching and Training *Statewide Program of Study*

76020H PRINCIPLES OF HUMAN SERVICE

Service ID: 13024200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course is a comprehensive laboratory course designed to address a broad range of knowledge and skills related to personal development and management, promotion of strong families, and preparation for adult roles. Content includes a focus on interpersonal skills; decision-making; promotion of family strengths and well-being; developing positive relationships with peers; child development and care; and clothing selections and garment maintenance.

Other studies address nutrition and dietary practices; food selection and preparation; budgeting and consumer-buying practices; and management of housing needs. Influences of societal and technological changes, career options, and the management of multiple family, community, and career roles are included.

NOTE: This course can also be taken as part of the Education and Training and Hospitality and Tourism Career Clusters.

76800H HUMAN GROWTH AND DEVELOPMENT

Service ID: 13014300

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Principles of Human Services

Weight: 0

This course is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

76840H INSTRUCTIONAL PRACTICES

Service ID: 13014400

Lowest Grade Placement: 12

Credits: 2

Prerequisite: Human Growth and Development

Weight: 0

This course is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students learn to plan and direct individualized instruction and group activities, prepare instructional material, develop materials for educational environments, assist with record keeping and complete other responsibilities of teachers, trainers, paraprofessionals or other educational personnel.

NOTE: Students are provided with bus transportation to assigned elementary and secondary campuses. This course may satisfy the curriculum requirements for UTRGV Texas Substitute Certificate and the TEA Instructional Aide I Certification.

Health Science

Diagnostic and Therapeutic Services

Statewide Program of Study

78120H PRINCIPLES OF HEALTH SCIENCE

Service ID: 13020200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course is designed to give students an overview of the therapeutic, diagnostic, environmental and information systems of the healthcare industry. The focus is on career exploration, leadership development, ethical and legal issues and history, economics and trends in financing health care. Students develop a concept of health and wellness from the perspective of a consumer as well as a potential professional in the healthcare industry.

78220H MEDICAL TERMINOLOGY

Service ID: 13020300

Lowest Grade Placement: 10

Credit: 1

Weight: 0

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. This course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

31720H ANATOMY & PHYSIOLOGY

Service ID: 13020600

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Biology and a 2nd Science credit

Recommended Prerequisite: A course from the Health Science Career Cluster

Level: Honors

Weight: 10

This advanced course is the study of the structures and functions of the components of the human body. This course is designed to build a knowledge base for those students who wish to pursue a medically related career. Laboratory investigations will include at least one major dissection (usually a cat), microscopic studies and physiology investigations. Course content includes the physiology of each organ system. Students are expected to participate in group projects and complete outside research.

Note: This course satisfies a high school Science graduation requirement. This advanced course serves the identified gifted/talented student.

78320H HEALTH SCIENCE THEORY & CLINICAL**Service ID: 13020410****Lowest Grade Placement: 11****Credits: 2****Prerequisite: Biology****Weight: 0**

This two-hour pre-employment lab course includes development and application of skills in the classroom and/or clinical setting. Students spend time in local hospitals observing and participating in activities conducted in various departments. At the clinical rotation site, students have the opportunity to observe and assist as permitted under the supervision of health care professionals.

NOTE: Students have some expenses for this course. This course may satisfy the curriculum requirements for the EKG Technician Certification.

78413H PHARMACY I**Service ID: 13021020****Lowest Grade Placement: 12****Credit: 1****Required Corequisite: Pharmacology****Prerequisite: Biology, Chemistry, Medical Terminology****Weight: 0**

In this course, students will build upon the knowledge and skills that include pharmacokinetics, pharmacy law, medication safety, the dispensing process, and inventory. This course is aligned with the standards of the national certification exams that students may take such as the Pharmacy Technician Certification Examination (PTCE).

NOTE: This course may satisfy the curriculum requirements for Pharmacy Tech State Board License. Students will have some expenses in this class. Students may have to travel by bus for this course.

78423H PHARMACOLOGY**Service ID: 13020950****Lowest Grade Placement: 12****Credit: 1****Required Corequisite: Pharmacy I****Prerequisite: Biology, Chemistry, Medical Terminology****Weight: 0**

This course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Students will be able to identify the mechanism of action of different drug classifications such as drug receptors, identify and demonstrate proper use and maintenance of equipment and instruments used in a pharmacy setting such as IV drop sets, scales, glucose supplies, dispensing units or cabinets and other laboratory supplies. This course is aligned with the standards of the national certification exams that students may take such as the Pharmacy Technician Certification Examination (PTCE).

NOTE: This course may satisfy the curriculum requirements for Pharmacy Tech State Board License. Students will have some expenses in this class. Students may have to travel by bus for this course.

78330H PRACTICUM OF HEALTH SCIENCE (MEDICAL ASSISTANT)**Service ID: 13020510****Lowest Grade Placement: 12****Credits: 2****Prerequisites: Biology, Chemistry****Recommended Prerequisite: Principles of Health Science****Weight: 0**

This course provides students with knowledge and skills in the area of Medical Assistant in order to understand the treatment, care, and restoration of the client's health. Students will explore the practical applications of mathematics related to the disease process, dosage calculators, and interaction.

NOTE: Students have some expenses for this course. This course may satisfy the curriculum requirements for the Certified Medical Assistant certification. Students will be required to travel by bus to the Career Technical Education Center at AECHS.

79610H PRACTICUM IN EMT II**Service ID: 13020505****Lowest Grade Placement: 12****Credits: 3****Prerequisite: Practicum of EMT I****Weight: 0**

Second year of a two-year program of study. Course topics include assessing the patient's condition, performing CPR, dealing with blood loss, administering bandages, managing respiratory problems, first response treatment for common injuries and emergency childbirth. The EMT-Basic class includes hours in the classroom and the field. Students must meet national eligibility requirements to include passing a background check and drug test in order to take certification exam.

Note: Students may have some expense in this course. Students will be required to complete internship ride-along hours at an EMS provider and observation hours at various medical sites. This course may satisfy the curriculum requirements for First-Aid, CPR-AED certification, and Emergency Medical Technician certification. Students will be required to travel by bus to the Career Technical Education Center at AECHS.

Hospitality and Tourism

Culinary Arts *Statewide Program of Study*

77300H INTRODUCTION TO CULINARY ARTS

Service ID: 13022550

Lowest Grade Placement: 10

Credit: 1

Required Corequisite: Culinary Arts

Recommended Prerequisite: Principles of Human Services

Weight: 0

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant, food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

NOTE: This course is taught at Memorial High School and is taken concurrently with Principles of Hospitality and Tourism. Transportation by school bus is required. This course may satisfy the requirements for the Food Handler certification.

77500H PRINCIPLES OF HOSPITALITY AND TOURISM

Service ID: 13022200

Lowest Grade Placement: 10

Credits: 1

Required Corequisite: Introduction to Culinary Arts

Weight: 0

This course introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer Service that meet industry standards. Students will also explore management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts.

Note: This course is taught at Memorial High School and is taken concurrently with Introduction to Culinary Arts. Transportation by school bus is required. This course may satisfy the requirements for the Food Handler Certification.

77400H CULINARY ARTS

Service ID: 13022600

Lowest Grade Placement: 10

Credits: 2

Required Corequisite: Introduction to Culinary Arts

Recommended Prerequisite: Principles of Human Services

Weight: 0

This course provides occupational specific training to develop knowledge and skills for employment and or entry into post-secondary education in the area of food production. Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students are encouraged to participate in Family Career and Community Leaders of America.

Note: This course is taught at Memorial High School and is taken concurrently with Introduction to Culinary Arts. Transportation by school bus is required. This course may satisfy the requirements for the Food Handler Certification and the Beef Quality & Cookery Certification.

76230H FOOD SCIENCE**Service ID: 13023000****Lowest Grade Placement: 11****Credit: 1****Prerequisite: Three units of science including Biology and Chemistry****Recommended Prerequisite: Principles of Hospitality and Tourism****Level: CP (Honors beginning with 2022-2023 Freshmen cohort)****Weight: 5 (10 beginning with 2022-2023 Freshmen cohort)**

This course is designed as a technical laboratory to provide foundation training in the area of food Service and technology. Content addresses food science principles; nutrition and wellness; food technology; world food supply; managing multiple family, community, and career roles; and career options in nutrition, food science, and food technology. Laboratory activities utilizing research methods related to current issues in food science, technology, and nutrition.

NOTE: This course satisfies the Advanced Science graduation requirement.

77410H PRACTICUM INCULINARY ARTS**Service ID: 13022700****Lowest Grade Placement: 12****Credits: 2****Prerequisite: Culinary Arts****Weight: 0**

This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Advanced Culinary Arts integrates academic, career, and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace.

Note: This course may satisfy the ServSafe Food Handlers and Manager Certifications. Students will be required to travel by bus to the Career Technical Education Center at AECHS.

Human Services

Family and Community Services *Statewide Program of Study*

76020H PRINCIPLES OF HUMAN SERVICE

Service ID: 13024200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course is a comprehensive laboratory course designed to address a broad range of knowledge and skills related to personal development and management, promotion of strong families, and preparation for adult roles. Content includes a focus on interpersonal skills; decision-making; promotion of family strengths and well-being; developing positive relationships with peers; child development and care; and clothing selections and garment maintenance. Other studies address nutrition and dietary practices; food selection and preparation; budgeting and consumer-buying practices; and management of housing needs. Influences of societal and technological changes, career options, and the management of multiple family, community, and career roles are included.

NOTE: This course can also be taken as part of the Education and Training and Hospitality and Tourism Career Clusters.

76800H HUMAN GROWTH & DEVELOPMENT

Service ID: 13014300

Lowest Grade Placement: 11

Credit: 1

Recommended Prerequisite: Principles of Human Services

Weight: 0

This course is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

76213H LIFETIME NUTRITION & WELLNESS

Service ID: 13024500

Lowest Grade Placement: 10

Credit: 0.5

Required Corequisite: Family and Community Service

Weight: 0

This course is designed as a technical laboratory concentrating on nutrition, food choices, and food management skills for individuals and the family throughout the life cycle. This course allows students to use principles of lifetime wellness and

nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

Note: This course can also be taken as part of the Teacher Training Program of Study. This course is paired with Family and Community Service, which is taken during 1st semester.

76300H FAMILY AND COMMUNITY SERVICE

Service ID: 13024900

Lowest Grade Placement: 10

Credit: 1

Recommended Prerequisite: Principles of Human Services

Required Corequisite: Lifetime Nutrition & Wellness

Weight: 0

Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct Service or Service-learning experiences. Students are provided opportunities to interact with and provide Services to individuals, families, and the community through community or volunteer Services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

Note: This course can also be taken as part of the Teacher Training Program of Study. This course is paired with Lifetime Nutrition & Wellness, which is taken during 2nd semester.

76320H COUNSELING & MENTAL HEALTH

Service ID: 13024600

Lowest Grade Placement: 12

Credit: 1

Recommended Prerequisite: Human Growth and Development

Weight: 0

In this course students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

NOTE: This course can also be taken as part of the Law Public Safety Career Clusters. This course may satisfy the curriculum requirements for the Community Health Worker certification.

Cosmetology

Regional Program of Study

79010H INTRODUCTION TO COSMETOLOGY

Service ID: 13025100

Lowest Grade Placement: 11

Credit: 1

Required Corequisite: Cosmetology I**Weight: 0**

In introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required.

79020H COSMETOLOGY I**Service ID: 13025200****Lowest Grade Placement: 11****Credits: 2****Required Corequisite: Introduction to Cosmetology****Weight: 0**

In Cosmetology I, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required.

79000H COLOR DESIGN**Service ID: 13025050****Lowest Grade Placement: 12****Credit: 1****Prerequisites: Introduction to Cosmetology and Cosmetology I****Required Corequisite: Cosmetology II****Weight: 0**

Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required. This course may satisfy curriculum requirements for the Texas Cosmetology Operator License.

79040H COSMETOLOGY II**Service ID: 13025300****Lowest Grade Placement: 12****Credits: 2****Prerequisites: Introduction to Cosmetology and Cosmetology I****Required Corequisite: Color Design**

Weight: 0

In Cosmetology II, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies, and materials; and practical skills.

NOTE: This course is taught at McAllen High School. Transportation by school bus is required. This course may satisfy curriculum requirements for the Texas Cosmetology Operator License.

Information Technology

Information Technology Support and Services *Statewide Program of Study*

74020H PRINCIPLES OF INFORMATION TECHNOLOGY

Service ID: 13027200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

74800H COMPUTER MAINTENANCE/COMPUTER MAINTENANCE LAB

Service ID: 13027310

Lowest Grade Placement: 11

Credits: 2

Weight: 0

In this course students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies.

Note: This course is taught at Memorial High School. Transportation by school bus is required.

74060H PRACTICUM IN INFORMATION TECHNOLOGY

Service ID: 13028005

Lowest Grade Placement: 12

Credits: 3

Prerequisite: Two high school Information Technology courses

Weight: 0

This course will provide students advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, Services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an instructor, with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation.

Note: This course is taught at Memorial High School. Transportation by school bus is required. This course may satisfy the PC Pro and Comp TIA IT Fundamentals.

Law and Public Service

Fire Science

Statewide Program of Study

79520H PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

Service ID: 13029200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course introduces students to professions in law enforcement, protective Services, corrections, firefighting, and emergency management Services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency Services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire Service, protective Services and corrections.

31720H ANATOMY & PHYSIOLOGY

Service ID: 13020600

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Biology and a 2nd Science credit

Recommended Prerequisite: A course from the Health Science Career Cluster

Level: Honors

Weight: 10 points

This advanced course is the study of the structures and functions of the components of the human body. This course is designed to build a knowledge base for those students who wish to pursue a medically related career. Laboratory investigations will include at least one major dissection (usually a cat), microscopic studies and physiology investigations. Course content includes the physiology of each organ system. Students are expected to participate in group projects and complete outside research.

Note: This course satisfies a high school Science graduation requirement. This advanced course also serves the identified gifted/talented student and counts as a Science credit for STEM Endorsement.

76320H COUNSELING & MENTAL HEALTH

Service ID: 13024600

Lowest Grade Placement: 12

Credit: 1

Recommended Prerequisite: Human Growth and Development

Weight: 0

In this course students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities,

limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

NOTE: This course can also be taken as part of the Law Public Safety Career Clusters. This course may satisfy the curriculum requirements for the Community Health Worker certification.

79600H PRACTICUM IN EMT I (EMT Basic)

Service ID: 13030100

Lowest Grade Placement: 11

Credits: 2

Prerequisite: Principles of Law, Public Safety, Security & Corrections & Medical Terminology

Weight: 0

First year of a two-year program of study. This course provides students with an introduction to Emergency Medical Protocol and the skills needed for the study of Emergency Medical Dispatch and Emergency Medical Technician. Course will cover basic telecommunication techniques to include dispatch techniques involving time-life priority situations that include life support and trauma incidents. Course will also cover stress management and legal responsibilities. Students must meet national eligibility requirements to include passing a background check and drug test in order to take certification exam.

NOTE: Students may have some expenses in this course. Students will be required to travel by bus to the Career Technical Education Center at AECHS. This course may satisfy the requirements for the IAED Emergency Telecommunicator Certificate and the Emergency Medical Responder Certificate.

Law Enforcement *Statewide Program of Study*

79520H PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

Service ID: 13029200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course introduces students to professions in law enforcement, protective Services, corrections, firefighting, and emergency management Services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency Services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire Service, protective Services and corrections.

79510H LAW ENFORCEMENT I

Service ID: 13029300

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Principles of Law Enforcement

Weight: 0

This course is designed as an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will examine the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.

79570H LAW ENFORCEMENT II

Service ID: 13029400

Lowest Grade Placement: 12

Credit: 1

Prerequisite: Principles of Law Enforcement and Law Enforcement I

Weight: 0

This course provides the knowledge and skills necessary to prepare students for a career in law enforcement, protective Services, corrections, firefighting, and emergency management Services. This course includes areas of study in ethical and legal responsibilities, patrol operations, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

NOTE: This course may satisfy the curriculum requirements for the IAED Emergency Telecommunicator Certificate and the Non-Commissioned Security Officer Level II Certificate. The Non-Commissioned Security Level II Certification requires students to register with the Texas Online Private Security Licensing System (TOPS) and pass a background and fingerprint exam.

79530H FORENSIC SCIENCE

Service ID: 13029500

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Biology and Chemistry

Recommended Prerequisite: Any Law Public Safety, Corrections & Security

Level: CP (Honors beginning with 2022-2023 Freshmen cohort)

Weight: 5 (10 beginning with 2022-2023 Freshmen cohort)

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse, and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood splatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

NOTE: This course satisfies the Advanced Science graduation requirement.

79550H PRACTICUM IN FORENSIC SCIENCE TECHNICIAN I

Service ID: 13030100

Lowest Grade Placement: 11

Credits: 2

Prerequisite: Principles of Law Enforcement, Law I, Forensic Science-can be taken concurrently.

Weight: 0

First year of a two-year program of study in Crime Science Investigation. This course will provide a basic overview of forensic crime scene investigation to include techniques, and methods for conducting crime scene investigations, processing crime scene evidence, crime scene searches and legality, identification, collection, and preservation of evidence, investigative techniques for specific crime scene areas and crime scene and court room testimony simulations. Course instruction is through lecture and case review with emphasis on practical laboratory application, a scenario-based application.

NOTE: Students will be required to travel by school bus to the Career Technical Education Center at AECHS. This course may satisfy the requirements for the STC Continuing Education certificate for Forensic Science Technician.

79580H PRACTICUM IN FORENSIC SCIENCE TECHNICIAN II

Service ID: 13030110

Lowest Grade Placement: 12

Credits: 2

Prerequisite: Practicum in Forensic Science Technician I

Weight: 0

Second year of a two-year program of study in Crime Science Investigation. Secondary year will focus on techniques, and methods to include but not limited to processing evidence of violent crimes, death investigation, forensic entomology, forensic fire investigation. Course instruction is through lecture and case review with emphasis on practical laboratory application, a scenario-based application.

NOTE: Students will be required to travel by school bus to the Career Technical Education Center at AECHS. This course may satisfy the curriculum requirements for the STC Continuing Education Certification for the Forensic Science Technician and the Non-Commissioned Security Level II certification. The Non-Commissioned Security Level II Certification requires students to register with The Texas Online Private Security Licensing System (TOPS) and pass a background and fingerprint exam.

Manufacturing

Welding *Statewide Program of Study*

84300H INTRODUCTION TO WELDING

Service ID: 13032250

Lowest Grade Placement: 10

Credit: 1

Recommended Prerequisite: Algebra I

Weight: 0

Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries.

84320H WELDING I

Service ID: 13032300

Lowest Grade Placement: 11

Credits: 2

Recommended Prerequisite: Algebra I

Weight: 0

This pre-employment laboratory course is designed to provide job training for entry-level employment as a welder or an employee in a welding-related field. The two-hour program of instruction emphasizes oxy-acetylene welding, oxy-acetylene cutting, shielded metal arc welding (electrode), and gas metal arc welding. Safety and career opportunities in the field are also studied.

NOTE: This course may satisfy the curriculum requirements for the American Welding Society (AWS) certification. This course is taught at McAllen High School. Transportation by school bus is required.

84321D WELDING I STC DUAL ENROLLMENT

Service ID: 13032300

Lowest Grade Placement: 11

Credit: 1

College Credit: WLDG 1327 & WLDG 1428 (7 college hours)

Recommended Prerequisite: Algebra I

Weight: 0

This pre-employment laboratory course is designed to provide job training for entry-level employment as a welder or an employee in a welding-related field. The two-hour program of instruction emphasizes oxy-acetylene welding, oxy-acetylene cutting, shielded metal arc welding (electrode), and gas metal arc welding. Safety and career

opportunities in the field are also studied.

NOTE: This course may satisfy the curriculum requirements for the American Welding Society (AWS) certification. This course is taught at McAllen High School. Transportation by school bus is required. This course is the first part of a two-semester course.

84322D WELDING I STC DUAL ENROLLMENT

Service ID: 13032300

Lowest Grade Placement: 11

Credit: 1

College Credit: WLDG 1317 & WLDG 1430 (7 college hours)

Recommended Prerequisite: Algebra I

Weight: 0

This pre-employment laboratory course is designed to provide job training for entry-level employment as a welder or an employee in a welding-related field. The two-hour program of instruction emphasizes oxy-acetylene welding, oxy-acetylene cutting, shielded metal arc welding (electrode), and gas metal arc welding Safety and career opportunities in the field are also studied.

NOTE: This course may satisfy the curriculum requirements for the American Welding Society (AWS) certification. This course is taught at McAllen High School. Transportation by school bus is required. This course is the second part of a two-semester course.

84340H WELDING II

Service ID: 13032400

Lowest Grade Placement: 12

Credits: 2

Prerequisite: Welding I

Recommended Prerequisite: Algebra I

Weight: 0

This course is a continuation of Welding I. It provides advanced on the job training for entry-level employment as a welder or as an employee in a welding-related field. It includes instruction in blueprint reading welding fabrication and GTAW (Tungsten), GMAW pipe welding and metallurgy basics.

NOTE: This course satisfies the curriculum requirements for the American Welding Society (AWS) Certificate. This course is taught at McAllen High School. Transportation by school bus is required.

84341D WELDING II STC DUAL ENROLLMENT

Service ID: 13032400

Lowest Grade Placement: 12

Credit: 1

College Credit: WLDG 1457 & WLDG 1312 (7 college hours)

Prerequisite: Welding I

Recommended Prerequisite: Algebra I

Weight: 0

This course is a continuation of Welding I. It provides advanced on the job training for entry-level employment as a welder or as an employee in a welding-related field. It includes instruction in blueprint reading welding fabrication

and GTAW (Tungsten), GMAW pipe welding and metallurgy basics.

NOTE: This course satisfies the curriculum requirements for the American Welding Society (AWS) Certificate. This course is taught at McAllen High School. Transportation by school bus is required. This course is the first part of a two-semester course.

84342D WELDING II STC DUAL ENROLLMENT

Service ID: 13032400

Lowest Grade Placement: 12

Credit: 1

College Credit: WLDG 1453 & WLDG 1434 (8 college hours)

Prerequisite: Welding I

Recommended Prerequisite: Algebra I

Weight: 0

This course is a continuation of Welding I. It provides advanced on the job training for entry-level employment as a welder or as an employee in a welding-related field. It includes instruction in blueprint reading welding fabrication and GTAW (Tungsten), GMAW pipe welding and metallurgy basics.

NOTE: This course satisfies the curriculum requirements for the American Welding Society (AWS) Certificate. This course is taught at McAllen High School. Transportation by school bus is required. This course is the second part of a two-semester course.

Science, Technology, Engineering, and Mathematics

Cybersecurity *Statewide Program of Study*

74020H PRINCIPLES OF INFORMATION TECHNOLOGY

Service ID: 13027200

Lowest Grade Placement: 9

Credit: 1

Weight: 0

In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

74160B INTERNATIONAL BACCALAUREATE (IB) COMPUTER SCIENCE SL Year 1 & 2

Service ID: I3580200

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Algebra I

Weight: 0

Diploma Programme computer science students should become aware of how computer scientists work and communication with each other and with other stakeholders in the successful development and implementation of IT solutions. While the methodology used to solve problems in computer science may take a wide variety of forms, the group 4 computer science course emphasizes the need for both theoretical and practical approach. It is in this context that the Diploma Programme computer science course should aim to: provide opportunities for study and creativity within a global context that will stimulate and challenge students developing the skills necessary for independent and lifelong learning; provide a body of knowledge, methods and techniques that characterize computer science; demonstrate initiative in applying thinking skills critically to identify and resolve complex problems; engender an awareness of the need for, and the value of, effective collaboration and communication in resolving complex problems; develop logical and critical thinking as well as experimental, investigative and problem-solving skills; develop and apply the students' information and communication technology skills in the study of computer science to communicate information confidently and effectively; raise awareness of the moral, ethical, social, economic and environmental implications of using science and technology; develop an appreciation of the possibilities and limitations associated with continued developments in IT systems and computer science; encourage an understanding of the relationships between scientific disciplines and the overarching nature of the scientific method.

Note: This advanced course also serves the identified gifted/talented student.

74160H AP COMPUTER SCIENCE PRINCIPLES**Service ID: A3580300****Lowest Grade Placement: 9****Credit: 1****Prerequisite: Algebra I****Weight: 0**

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. Students will gain an understanding of the principles of robotics through the study of physics, robotics, automation, and engineering design concepts.

Note: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student.

29150H AP COMPUTER SCIENCE A**MATH CREDIT Service ID: A3580110****LOTE CREDIT Service ID: A3580120****Lowest Grade Placement: 10****Math Credit: 1****LOTE Credit: 1****Prerequisite: Algebra II****Weight for Math Credit: 13****Weight for LOTE Credit: 0**

The AP Computer Science A course introduces students to computer science with fundamental topics that include problem-solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasized both object-oriented and imperative problem-solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

Note: Students are required to take the AP Exam and may be granted college credit for scores on this exam. This advanced course also serves the identified gifted/talented student.

74060H PRACTICUM IN INFORMATION TECHNOLOGY**Service ID: 13028005****Lowest Grade Placement: 12****Credits: 3****Prerequisite: Two high school Information Technology courses**

Weight: 0

This course will provide students advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, Services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an instructor, with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation.

74600H MOBILE APPLICATION DEVELOPMENT**Service ID: 03580390****Lowest Grade Placement: 10****Credits: 1****Prerequisite: Algebra I****Weight: 0**

This course introduces students to programming technologies, design and development related to mobile applications. Topics include accessing device capabilities, industry standards, operating systems, and programming.

Note: This course is only offered at Rowe High School.

Engineering Foundations

Statewide Program of Study

81210H PRINCIPLES OF APPLIED ENGINEERING**Service ID: 13036200****Lowest Grade Placement: 9****Credit: 1****Weight: 0**

This course provides students with an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations by using a variety of computer hardware and software applications to complete assignments and projects. Students will be introduced to the various fields of engineering and will have the opportunity to work on a design team to develop a product or system.

81220H ENGINEERING DESIGN & PRESENTATION**Service ID: 13036500****Lowest Grade Placement: 10****Credit: 1****Prerequisite: Algebra I****Recommended Prerequisite: Principles of Applied Engineering****Weight: 0**

This course is designed to provide instruction in lettering, engineering geometry, multi-view drawings, sectioning, pictorial representation, dimensioning, detail and assembly drawings, reproduction of drawings, and selection of equipment and supplies. This course is recommended for students interested in any areas of engineering, robotics and automation.

NOTE: This course may satisfy the curriculum requirements for Fusion 360 Certificate.

81250H DIGITAL ELECTRONICS**Service ID: 13037600****Lowest Grade Placement: 11****Credit: 1****Prerequisite: Algebra I and Geometry****Recommended Prerequisite: Principles of Applied Engineering****Level: CP (Beginning with 2020-2021 Cohort)****Weight: 5**

This course is the study of electronic circuits that are used to process and control digital signals. This course focuses on the foundation of modern electronic devices such as cellular phones, digital audio players, laptop computers, digital cameras, and high-definition televisions. The primary focus on Digital Electronics is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

NOTE: This course satisfies a math credit graduation requirement.

81230H ENGINEERING DESIGN & PROBLEM SOLVING**Service ID: 13037300****Lowest Grade Placement: 12****Credit: 1****Prerequisite: Algebra I and Geometry****Recommended Prerequisite: Principles of Applied Engineering, Engineering Design and Presentation****Level: CP (Honors beginning with 2022-2023 Freshmen cohort)****Weight: 5 (10 beginning with 2022-2023 Freshmen cohort)**

This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implementations of technological development.

NOTE: This course satisfies the advanced science graduation requirement.

Transportation, Distribution, and Logistics

Automotive and Collision Repair *Statewide Program of Study*

83410H AUTOMOTIVE BASICS

Service ID: 13039550

Lowest Grade Placement: 9

Credit: 1

Weight: 0

Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to Service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

83320H COLLISION REPAIR

Service ID: 13039800

Lowest Grade Placement: 11

Credits: 2

Weight: 0

This course includes knowledge of the processes, technologies, and materials used in the reconstruction and alteration of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing to include welding techniques.

NOTE: This course may satisfy the curriculum requirements for ASE Certificate. This course is taught at Memorial High School. Transportation by school bus is required.

83340H COLLISION PAINT & REFINISHING

Service ID: 13039900

Lowest Grade Placement: 12

Credits: 2

Recommended Prerequisite: Collision Repair

Weight: 0

This second-year, two-hour course is designed to offer more advanced in-depth study of the processes, technologies, and materials used in the reconstruction and alteration of vehicles. Students develop sufficient knowledge for entry into a post-secondary technical school or apprentice level employment.

NOTE: This course may satisfy the curriculum requirements for ASE Certificate. This course is taught at Memorial High School. Transportation by school bus is required.

83420H AUTOMOTIVE TECHNOLOGY I (ELECTRICAL SYSTEMS & STEERING & SUSPENSION SYSTEMS)

Service ID: 13039600

Lowest Grade Placement: 11

Credits: 2

Recommended Prerequisite: Automotive Basics; Principles of Applied Engineering

Weight: 0

McAllen ISD/STC Automotive Technology Certificate and Associate Applied Science Program. This course is designed to prepare students for employment in the high technology automotive Service industry. Students will gain knowledge in automotive air conditioning, electrical systems, fuel injection, transmissions and transaxles, engine performance, brake systems, steering and suspension systems, and computerized automotive control systems. Emphasis will be placed on “hands-on” learning in the labs to develop diagnostic, troubleshooting, and repair procedure skills.

NOTE: This course may satisfy the curriculum requirements for the ASE Certificate. This course is taught at McAllen High School. Transportation by school bus is required.

83421D AUTOMOTIVE TECHNOLOGY I (ELECTRICAL SYSTEMS & STEERING & SUSPENSION SYSTEMS) STC DUAL ENROLLMENT

Service ID: 13039600

Lowest Grade Placement: 11

Credits: 1

College Credit: AUMT 1407 (4 college hours)

Recommended Prerequisite: Automotive Basics; Principles of Applied Engineering

Weight: 0

McAllen ISD/STC Automotive Technology Certificate and Associate Applied Science Program. This course is designed to prepare students for employment in the high technology automotive Service industry. Students will gain knowledge in automotive air conditioning, electrical systems, fuel injection, transmissions and transaxles, engine performance, brake systems, steering and suspension systems, and computerized automotive control systems. Emphasis will be placed on “hands-on” learning in the labs to develop diagnostic, troubleshooting, and repair procedure skills.

NOTE: This course may satisfy the curriculum requirements for the ASE Certificate. This course is taught at McAllen High School. Transportation by school bus is required. This course is the first part of a two-semester course.

83422D AUTOMOTIVE TECHNOLOGY I (ELECTRICAL SYSTEMS & STEERING & SUSPENSION SYSTEMS) STC DUAL ENROLLMENT

Service ID: 13039600

Lowest Grade Placement: 11

Credits: 1

College Credit: AUMT 1416 (4 college hours)

Recommended Prerequisite: Automotive Basics; Principles of Applied Engineering

Weight: 0

McAllen ISD/STC Automotive Technology Certificate and Associate Applied Science Program. This course is designed to prepare students for employment in the high technology automotive Service industry. Students will gain

knowledge in automotive air conditioning, electrical systems, fuel injection, transmissions and transaxles, engine performance, brake systems, steering and suspension systems, and computerized automotive control systems. Emphasis will be placed on “hands-on” learning in the labs to develop diagnostic, troubleshooting, and repair procedure skills.

NOTE: This course may satisfy the curriculum requirements for the ASE Certificate. This course is taught at McAllen High School. Transportation by school bus is required. This course is the second part of a two-semester course.

83440H AUTOMOTIVE TECHNOLOGY II (BRAKE SYSTEMS & AUTOMOTIVE CLIMATE CONTROL SYSTEMS)

Service ID: 13039700

Lowest Grade Placement: 12

Credits: 2

Prerequisite: Automotive Technology I

Weight: 0

This course is designed to prepare students for employment in the high technology automotive Service industry. Students will gain knowledge in automotive and computerized automotive control systems. Emphasis will be placed on “hands-on” learning in the labs to develop diagnostic, troubleshooting, and repair procedure skills. Safety and exploration of career opportunities are also covered.

NOTE: This course may satisfy the curriculum requirements for the ASE Certificate. This course is taught at McAllen High School. Transportation by school bus is required.

83441D AUTOMOTIVE TECHNOLOGY II (AUTOMOTIVE ENGINE REPAIR) STC DUAL ENROLLMENT

Service ID: 13039700

Lowest Grade Placement: 12

Credit: 1

College Credit: AUMT 1419 (4 college hours)

Prerequisite: Automotive Technology I

Weight: 0

This course is designed to prepare students for employment in the high technology automotive service industry. Students will gain knowledge in automotive and computerized automotive control systems. Emphasis will be placed on “hands-on” learning in the labs to develop diagnostic, troubleshooting, and repair procedure skills. Safety and exploration of career opportunities are also covered.

NOTE: This course may satisfy the curriculum requirements for the ASE Certificate. This course is taught at McAllen High School. Transportation by school bus is required. This course is the first part of a two-semester course.

83442D AUTOMOTIVE TECHNOLOGY II (AUTOMOTIVE BRAKE SYSTEMS) STC DUAL ENROLLMENT

Service ID: 13039700

Lowest Grade Placement: 12

Credit: 1

College Credit: AUMT 1410 (4 college hours)

Prerequisite: Automotive Technology I

Weight: 0

This course is designed to prepare students for employment in the high technology automotive Service industry.

Students will gain knowledge in automotive and computerized automotive control systems. Emphasis will be placed on “hands-on” learning in the labs to develop diagnostic, troubleshooting, and repair procedure skills. Safety and exploration of career opportunities are also covered.

NOTE: This course may satisfy the curriculum requirements for the ASE Certificate. This course is taught at McAllen High School. Transportation by school bus is required. This course is the second part of a two-semester course.

Aviation Pilots

Regional Program of Study

83500H INTRODUCTION TO AEROSPACE AND AVIATION

Service ID: N1304672

Lowest Grade Placement: 11

Credit: 1

Weight: 0

The introduction to Aerospace and Aviation course will provide the foundation for advanced exploration in the areas of professional pilot, aerospace engineering, and unmanned aircraft systems. Students will learn about the history of aviation, from Leonardo da Vinci’s ideas about flight to the Wright brothers and the space race. Along the way, students will learn about the innovations and technological developments that have made today’s aviation and aerospace industries possible. The course includes engineering practices, the design process, aircraft structure, space vehicles past and present, and a look toward future space exploration. Students will also learn about the wide variety of exciting and rewarding careers available to them. The Introduction to Aerospace and Aviation course will inspire students to consider aviation and other aerospace careers while laying the foundation for continued study.

NOTE: This course is a district-wide course taught at Memorial High School and is paired with Introduction to Unmanned Aerial Vehicle Flight course. Transportation by school bus is required.

83510H INTRODUCTION TO UNMANNED AERIAL VEHICLE FLIGHT

Service ID: N1304670

Lowest Grade Placement: 11

Credit: 1

Weight: 0

The Introduction to Unmanned Aerial Vehicle (UAV) Flight course is designed to prepare students for entry-level employment or continuing education in piloting UAV operations. Principles of UAV is designed to instruct students in UAV flight navigation, industry laws and regulations, and safety regulations. Students are also exposed to mission planning procedures, environmental factors, and human factors involved in the UAV industry.

NOTE: This course is a district-wide course taught at Memorial High School and is paired with Introduction to Aerospace and Aviation course. Transportation by school bus is required.

83520H PRACTICUM IN TRANSPORTATION**Service ID: 13040455****Lowest Grade Placement: 12****Credit: 3****Weight: 0**

Practicum in Transportation Systems is designed to give students the practical application of knowledge and skills with a focus on the Aviation industry. Students will learn skills necessary to obtain a Private Pilot's License and Remote Drone 107 License.

NOTE: This course is taught at McAllen Airport. Transportation by school bus is required. Students will need to pass an FAA required Medical Certificate.

Fine Arts

The following courses satisfy the Fine Arts credit for the Foundation High School Program:

- *Art*
- *Dance*
- *Theatre Arts*
- *Technical Theatre*
- *Theatre Production*
- *Varsity Band*
- *Non-Varsity Band*
- *Sub Non-Varsity Band*
- *Jazz Band*
- *Varsity Orchestra*
- *Non-Varsity Orchestra*
- *Sub Non-Varsity Orchestra A*
- *Sub Non-Varsity Orchestra B*
- *Varsity Mixed Choir*
- *Tenor/Bass Choir*
- *Treble Choir*
- *Ensemble Class*
- *Music Theory 1 (AP)*
- *Mariachi*
- *Guitar*
- *Vocal Ensemble*

64110H ART I

Service ID: 03500100

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This comprehensive course provides the foundation for all subsequent high school art courses. It introduces basic knowledge and skills through focus on perception, creative expression / performance, historical and cultural heritage and critical evaluation. Students' creative expression is fostered through the mediums of pencil, pen, ink, charcoal, tempera, watercolor and sculpture.

NOTE: This is a two-semester course with the first Semester 2 being a prerequisite for the second. Portfolio development is part of the evaluation process.

64210B MYP ART I

Service ID: 03500100

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This one-year course is designed to meet the first year of the Arts requirement for the IB MYP Certificate and a Fine Arts credit requirement for the state of Texas. With the Global Contexts as a focus, this course encourages students to understand the context and cultural histories of artworks, supporting the development of an inquiring and empathetic worldview. Arts challenge and enrich personal identity and build awareness of the aesthetic in a real-world context. MYP arts has four objectives of equal importance and value: knowing and understanding; developing skills; thinking creatively; responding. This course requires developmental workbook entries (involves independent contextual, visual and critical investigation and reflection, both visual and written), practice in the use of various media (pencil, ink, pen, charcoal, watercolor, tempera and sculpture) and the acquisition of studio techniques to begin to develop a personal style through drawing, painting, sculpture and/or print making, development of basic art concepts, ways of extending research into practical work, an expansion of the practice of art criticism and analysis, and an opportunity to relate art to cultural and historical contexts. This course prepares students for the IB Visual Arts Diploma Program. Students' work is assessed against IB defined assessment criteria.

NOTE: This advanced course serves the identified gifted and talented student.

64150H ART I PRE-AP (PRE-ADVANCED PLACEMENT)

Service ID: 03500100

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Successful completion of Art Fundamentals & Fine Arts department approval

Weight: 0

This course is designed for serious art students to develop creative solutions for two-dimensional problems, which incorporate a variety of techniques and materials directly related to the comprehensive study of drawing. Students are challenged to develop their aesthetic awareness through careful observation, extensive experimentation and creative presentation in a series of problem-solving processes. Specific emphasis is given to personal and group assessment of portfolio work in order to promote critical thinking. Students integrate artistic production with critical analyses as they relate the material to cultural, historical, and social contexts. The foundational concepts, instructional principles, and artistic practices in this course prepares students for participation in AP Art and Design.

64173B MYP ART I ART & MEDIA COMMUNICATIONS (Fall Semester)

Service ID: 03500120

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Art I

Weight: 0

This course combines experiential study of modern, post-modern, and contemporary visual art and design with student learning in media literacy and technology applications. Students have opportunities to choose from a wide variety of electronic media, techniques, and subject matter—traditional and contemporary—to develop styles, themes, and interpretations. Students challenge their imaginations by developing multiple solutions to a single problem, learning how to bridge traditional hand skills with current technology applications to create new media such as animations, digital images, character creation, and sculpture. This class will afford students an opportunity to create a narrative, engage an audience, and develop essential artistic skills that can be applied to other relevant applications. This course is available for IB MYP 10th grade students who are concurrently enrolled in band, choir or orchestra at their home campus. This course is one semester in length and will be offered during the Fall semester.

64120H ART II**Service ID: 03500200****Lowest Grade Placement: 10****Credit: 1****Prerequisite: Art I****Weight: 0**

This course is at an intermediate level. It expands on basic knowledge and skills through focus on perception, creative expression/ performance, historical and cultural heritage and critical evaluation. Students' personal style is developed through drawing, painting, sculpture or printmaking.

NOTE: This is a two-semester course with the first Semester 2 being a prerequisite for the second. Portfolio development is part of the evaluation process.

64220H ART II – DRAWING I**Service ID: 03500500****64320H ART II – PAINTING I****Service ID: 03500600****64420H ART II – SCULPTURE I****Service ID: 03501000****64520H ART II – CERAMICS I****Service ID: 03500900****64620H ART II – PRINTMAKING I****Service ID: 03500700****64720H ART II – JEWELRY I****Service ID: 03501100****Lowest Grade Placement: 10****Credit: 1****Prerequisite: Art I****Weight: 0**

This second-year art course provides students who have successfully completed an Art I course an opportunity to further develop their drawing / painting / sculpture / ceramic skills through the use of advanced concepts and processes, while also focusing on perception, creative expression /performance, historical and cultural heritage and critical evaluation. Development of a portfolio is required.

NOTE: This is a two-semester course with the first Semester 2 being a prerequisite for the second. Portfolio development is part of the evaluation process.

64223B ART DRAWING MYP YEAR 5 (Fall Semester)**Service ID: 03500500****Lowest Grade Placement: 10****Credit: 1****Prerequisite: Art I****Weight: 0**

Art II Drawing extends the student's artistic understanding and experiences of drawing as introduced in Art I. Emphasis will be placed on the development of compositional skills and imaginative use of the elements and

principles of design. The class is designed to strengthen the student's drawing and two-dimensional skills. Problem solving skills will be developed through experimentation with a variety of drawing media, such as graphite, charcoal, conté crayon, pen and ink. The history and the analysis of two-dimensional design, as well as the concept of "mark-making" will be emphasized. This course is one semester in length and will be offered during the Fall Semester.

64323B ART PAINTING MYP YEAR 5 (Spring Semester)

Service ID: 03500600

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Art I

Weight: 0

Art II Painting extends the student's artistic understanding and experiences of color theory as introduced in Art I. Emphasis will be placed on the development of compositional skills and imaginative use of the elements and principles of design. The class is designed to strengthen the student's painting and two-dimensional skills. Students will experiment with a variety of painting media, such as acrylic paint and watercolor, as well as painting techniques and subject matter to develop artwork that express the student's personal style and concept. Development of the understanding of color and different color palettes, as well as artistic period and styles will be emphasized. This course is one semester in length and will be offered during the Spring semester.

64623B ART PRINTMAKING I MYP YEAR 5 (Fall Semester)

Service ID: 03500700

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Art I

Weight: 0

Students create original prints in many techniques, appropriately numbering and signing each print in an edition. They make prints using processes such as stencil, monoprint, woodcut, linoleum, and etching. They experiment with types of papers. They create their prints from sketchbook ideas, still-lives, perspectives, landscapes, portraits, self-portraits, and abstractions. Students develop their own interests and artistic themes by making one or more prints with similar intent and subject but with changes in technique, format, printing process, or style. This course is one semester in length and will be offered during the Fall semester.

64253B ART DIGITAL ART & MEDIA MYP YEAR 5 (Spring Semester)

Service ID: 03501220

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Art I

Weight: 0

Students build on knowledge of art elements and principles by designing and creating complex artworks, including but not limited to still-lives, figure studies, landscape studies, and conceptual pieces. Students explore a variety of electronic media and techniques, analyzing their advantages and limitations. This course is one semester in length and will be offered during the Spring semester.

64130H ART III**Service ID: 03500300****Lowest Grade Placement: 11****Credit: 1****Prerequisite: Art II****Weight: 0**

This advanced course is for serious art students. They explore art concepts through perception, creative expression/performance, historical and cultural heritage, and critical evaluation. Ideas are developed and communicated through drawing, painting, sculpture or printmaking as students are introduced to possible art-based careers.

NOTE: This is a two-semester course with the first Semester being a prerequisite for the second. Portfolio development is part of the evaluation.

64230H ART III – DRAWING II**Service ID: 03501300****64330H ART III – PAINTING II****Service ID: 03501400****64430H ART III – SCULPTURE II****Service ID: 03501900****64530H ART III – CERAMICS II****Service ID: 03501800****64630H ART III - PRINTMAKING II****Service ID: 03501500****64730H ART III - JEWELRY II****Service ID: 03502000****Lowest Grade Placement: 11****Credit: 1****Prerequisite: Art II****Weight: 0**

This third-year course provides an in-depth study of the concepts, techniques, and self-expression of drawing / painting on an advanced level. Completion of a cohesive portfolio is required.

NOTE: This is a two-semester course with the first Semester being a prerequisite for the second. Portfolio development is part of the evaluation process.

64140H ART IV**Service ID: 03500400****Lowest Grade Placement: 12****Credit: 1****Prerequisite: Art III****Weight: 0**

This advanced course is for students considering an art-related career. They explore art concepts through perception, creative expression/performance, historical and cultural heritage and critical evaluation. Independent

work is emphasized in the development and completion of portfolios through drawing, painting, sculpture or printmaking.

NOTE: This is a two-semester course with the first Semester 2eing a prerequisite for the second. Portfolio is part of the evaluation.

64240H ART IV – DRAWING III

Service ID: 03502300

64340H ART IV – PAINTING III

Service ID: 03502400

64440H ART IV – SCULPTURE III

Service ID: 03502800

64540H ART IV – CERAMICS III

Service ID: 03502700

64640H ART IV – PRINTMAKING III

Service ID: 03502500

64740H ART IV – JEWELRY III

Service ID: 03502900

Lowest Grade Placement: 12

Credit: 1

Prerequisite: Art III

Weight: 0

The experiences given and skills developed in the first three levels of art courses prepare students for in-depth study of special problems based on their previous credits. They will produce a body of artwork in their chosen area of art (drawing, painting, sculpture, ceramics, electronic media, photography, and printmaking) and develop evaluative criteria for selecting artworks to include in a portfolio. Preparation of a portfolio is required.

NOTE: This is a two-semester course with the first Semester 2eing a prerequisite for the second. Portfolio development is part of the evaluation process.

64270H ART ADVANCED PLACEMENT (AP) STUDIOART:DRAWING PORTFOLIO

Service ID: A3500300

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Art II

Weight: 0

This course is designed as an independent study for serious art students with periodic guidance from the instructor. The focus is on developing a credible drawing portfolio based on the individual student's interests and strengths. Emphasis is on perception, creative expression and critical evaluation. Students are evaluated on manipulation of materials, effort, product and artistic growth. Portfolio required.

Note: Students must take the AP Exam to meet standards as outlined by the College Board. College credit may be awarded upon successful completion of this exam. This advanced course also serves the identified gifted/talented student. This course is also offered at IB Lamar.

64280H ART ADVANCED PLACEMENT (AP) STUDIO ART: TWO-DIMENSIONAL DESIGN PORTFOLIO**Service ID: A3500400****Lowest Grade Placement: 11****Credit: 1****Prerequisite: Art I****Weight: 0**

This course is designed as an independent study for serious art students with periodic guidance from the instructor. The focus is on developing a credible 2-dimensional design portfolio based on the individual student's interests and strengths. Emphasis is on perception, creative expression and critical evaluation. Students are evaluated on manipulation of materials, effort, product and artistic growth. Portfolio required.

Note: Students must take the AP Exam to meet standards as outlined by the College Board. College credit may be awarded upon successful completion of this exam. This advanced course also serves the identified gifted/talented student.

64290H ART ADVANCED PLACEMENT (AP) STUDIO ART: THREE-DIMENSIONAL DESIGN PORTFOLIO**Service ID: A3500500****Lowest Grade Placement: 11****Credit: 1****Prerequisite: Art II****Weight: 0**

This course is designed as an independent study for serious art students with periodic guidance from the instructor. The focus is on developing a credible 3-dimensional design portfolio based on the individual student's interests and strengths. Emphasis is on perception, creative expression and critical evaluation. Students are evaluated on manipulation of materials, effort, product and artistic growth. Portfolio required.

Note: Students must take the AP Exam to meet standards as outlined by the College Board. College credit may be awarded upon successful completion of this exam. This advanced course also serves the identified gifted/talented student.

64350B INTERNATIONAL BACCALAUREATE (IB) VISUAL ARTS SL Y1**Service ID: I3600200****Lowest Grade Placement: 11****Credit: 1****Weight: 0**

This one-year standard level (SL) course is designed to meet the first year of the Arts and Elective Requirement for the IB Diploma. This course requires a minimum of 150 hours and encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem solving and divergent thinking, while working towards technical proficiency and confidence as art makers. Students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media, as well as compare and explore visual arts from different perspectives and contexts. This course prepares students for the IB Visual Arts Standard Level (SL) or Higher Level (HL) Exam that consists of 20% comparative study, 40% process portfolio and 40% exhibition.

NOTE: This advanced course serves the identified gifted and talented student.

64390B INTERNATIONAL BACCALAUREATE (IB) VISUAL ARTS SL Y2**Service ID: I3600200****Lowest Grade Placement: 12****Credit: 1****Prerequisite: International Baccalaureate Visual Arts SL Y1****Weight: 0**

This one-year standard level (SL) advanced course is designed to meet the second year of the Arts and Elective Requirement for the IB Diploma. This course requires a minimum of 150 hours and encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem solving and divergent thinking, while working towards technical proficiency and confidence as art makers. Students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media, as well as compare and explore visual arts from different perspectives and contexts. This course prepares students for the IB Visual Arts Standard Level (SL) Exam that consists of; 20% comparative study, 40% process portfolio and 40% exhibition.

NOTE: This advanced course serves the identified gifted and talented student.

64450B INTERNATIONAL BACCALAUREATE (IB) VISUAL ARTS HL**Service ID: I3600100****Lowest Grade Placement: 12****Credit: 1****Prerequisite: International Baccalaureate Visual Arts SL Y1****Weight: 0**

This one-year higher level (HL) advanced course is designed to meet the second year of the Arts and Elective Requirement for the IB Diploma. This course requires a minimum of 240 hours and encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem solving and divergent thinking, while working towards technical proficiency and confidence as art makers. Students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media, as well as compare and explore visual arts from different perspectives and contexts. This course prepares students for the IB Visual Arts Higher Level Exam that consists of; 20% comparative study, 40% process portfolio and 40% exhibition.

NOTE: This advanced course serves the identified gifted and talented student.

64810H PRINCIPLES OF DANCE I**Service ID: 03830100****Lowest Grade Placement: 9****Credit: 1 Fine Arts****Weight: 0**

This course introduces dance as an art form through focus on perception, creative expression/ performance, historical and cultural heritage and critical evaluation. Student's creative expression is fostered through kinesthetic awareness/skill development and through the introduction to various dance forms and choreography.

64820H PRINCIPLES OF DANCE II**Service ID: 03830200****64830H PRINCIPLES OF DANCE III****Service ID: 03830300****64840H PRINCIPLES OF DANCE IV****Service ID: 03830400****Lowest Grade Placement: 10****Credit: 1 Fine Arts****Prerequisite: Dance I or audition required****Weight: 0**

This course expands dance as an art form through a deeper and more comprehensive focus on perception, creative expression/performance, historical and cultural heritage and critical evaluation. Student's creative expression is fostered through kinesthetic awareness/skill development and through the continued study of various dance forms and choreography.

64910H DANCE TEAM I**Service ID: PES00014****Credit: 1 PE****64920H DANCE TEAM II****Service ID: 03833400****64930H DANCE TEAM III****Service ID: 03833500****64940H DANCE TEAM IV****Service ID: 03833600****Lowest Grade Placement: 9****Credit: 1 Fine Arts****Prerequisite: Audition Required****Weight: 0**

This course is designed for the advanced dance student and forms the school's dance team. Student's creative expression is fostered through kinesthetic awareness, skill development, and will serve as an introduction to various dance forms and choreography.

64860H COLORGUARD I**Service ID: 03830100****Credit: 1 PE****64870H COLORGUARD II****Service ID: 03830200****64880H COLORGUARD III****Service ID: 03830300****64890H COLORGUARD IV****Service ID: 03830400****Lowest Grade Placement: 9****Credit: 1 Fine Arts****Weight: 0**

This is a performance-oriented class that combines the elements of dance and equipment work. In the fall semester, color guard will perform as a unit of the Marching Band. In the spring semester, students will perform as a member of the Winter Guard unit. There is a high degree of physical demand.

Note: Students will earn a 0.5 PE substitution in the fall semester.

65110H THEATRE ARTS I

Service ID: 03250100

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course introduces theatre arts and basic acting skills through focus on perception, creative expression/performance, historical and cultural heritage and critical evaluation. Students experience theatre games, performance, and interpretation of dramatic literature, technical theatre and live theatre.

65120H THEATRE ARTS II

Service ID: 03250200

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Theater Arts I

Weight: 0

65130H THEATRE ARTS III

Service ID: 03250300

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Theater Arts II

Weight: 0

65140H THEATRE ARTS IV

Service ID: 03250400

Lowest Grade Placement: 12

Credit: 1

Prerequisite: Theatre Arts III

Weight: 0

These courses progressively expand theatre arts knowledge and acting skills through focus on perception, creative expression/performance, historical and cultural heritage and critical evaluation. Students experience diversity of genre including mime, puppetry, musical theatre and masked theatre. Greater emphasis is placed on student ability to evaluate live theatre.

65210H TECHNICAL THEATRE I

Service ID: 03250500

65220H TECHNICAL THEATER II

Service ID: 03250600

65230H TECHNICAL THEATRE III

Service ID: 03251100

65240H TECHNICAL THEATRE IV

Service ID: 03251200

Lowest Grade Placement: 12

Credit: 1

Prerequisite: Technical Theatre III

Weight: 0

These courses progressively expand theatre arts knowledge and technical skills for the advanced tech student through focus on perception, historical and cultural heritage and critical evaluation. Students study design theory, set construction, lighting, sound, costumes, stage properties, makeup and public relations. Students experience live theatre outside the classroom and learn to build a portfolio.

65310H THEATRE PRODUCTION I

Service ID: 03250700

65320H THEATRE PRODUCTION II

Service ID: 03250800

65330H THEATRE PRODUCTION III

Service ID: 03250900

65340H THEATRE PRODUCTION IV

Service ID: 03251000

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition required

Weight: 0

These courses emphasize creative expression/performance through the production of a play for a live audience. Students are admitted by audition, and the class meets during the school day or on a schedule set outside of the regular school day. The production involves technical theatre and acting. Enrollment varies according to the production needs.

65150B THEATRE ARTS MYP YEAR 4

Service ID: 03250100

Lowest Grade Placement: 9

Credit: 1

Weight: 0

The IBO states in the curriculum guide that "This course encourages and enables students to create and present theatre, develop skills related to theatre, and engage in the creative exploration and self-discovery. The aim of MYP theatre also includes to deepen the student's understanding of the world through the relation of both the student to the world and theatre to the world. Students will explore acting, acting theory, theatre history, and costume design."

NOTE: This advanced course serves the identified gifted/talented student.

65160B THEATRE ARTS MYP YEAR 5**Service ID: 03250200****Lowest Grade Placement: 10****Credit: 1****Prerequisite: MYP THEATRE ARTS I****Weight: 0**

This course encourages and enables students to create and present theatre, develop skills related to theatre, and engage in the process of creative exploration and self-discovery. The aim of MYP theatre also includes to deepen the student's understanding of the world through the relation of both the student to the world and theatre to the world. Further inspection of investigation and practice of theatre is coupled with a deeper reflection of the theatre and the self as an individual and as an artist. Students will explore acting, acting theory, theatre history, and scenic design.

NOTE: This advanced course serves the identified gifted/talented student.

65170B DP THEATRE ARTS SL Y1**Service ID: I3750200****Lowest Grade Placement: 11****Credit: 1****Weight: 0**

This course prepares students to enjoy a lifelong engagement with theatre. Students are encouraged and enabled to become informed, reflective, and critical practitioners in theatre and appreciate and understand the dynamic and changing nature of theatre. Students explore and value the diversity of theatre and express their ideas with confidence and competence while refining their perceptual and analytical skills. Students transform ideas into action, and develop and apply theatre production skills independently and collaboratively. Students will explore acting, acting theory, the process of devising original theatre, screenwriting and playwriting, and directing theory.

NOTE: This advanced course serves the identified gifted/talented student.

65200B DP THEATRE ARTS SL Y2**Service ID: I3750200****Lowest Grade Placement: 11****Credit: 1****Weight: 0**

This course prepares students to enjoy a lifelong engagement with theatre. Students are encouraged and enabled to become informed, reflective, and critical practitioners in theatre and appreciate and understand the dynamic and changing nature of theatre. Students explore and value the diversity of theatre and express their ideas with confidence and competence while refining their perceptual and analytical skills. Students transform ideas into action, and develop and apply theatre production skills independently and collaboratively. Students will explore acting, acting theory, the process of devising original theatre, and directing through major projects.

NOTE: This advanced course serves the identified gifted/talented student. This is part two of a two-year course.

65180B THEATRE ARTS HL Y2**Service ID: I3750300****Lowest Grade Placement: 12****Credit: 1****Prerequisite: DP Theater Arts SL Y1****Weight: 0**

This course prepares students to enjoy a lifelong engagement with theatre. Students are encouraged and enabled to become informed, reflective, and critical practitioners in theatre and appreciate and understand the dynamic and changing nature of theatre. Students explore and value the diversity of theatre and express their ideas with confidence and competence while refining their perceptual and analytical skills. Students transform ideas into action, and develop and apply theatre production skills independently and collaboratively. Students will explore acting, acting theory, the process of devising original theatre, and directing through major projects, and a solo performance derived from theatrical theory.

NOTE: This advanced course serves the gifted/talented student.**65240U ARTS AND ENTERTAINMENT TECHNOLOGY ONRAMPS DUAL ENROLLMENT****Service ID: 03251300****Lowest Grade Placement: 9****Credit: 1****College Credit: Arts and Entertainment Technology 304 (3 college hours)****Weight: 0**

This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this technology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical aspects of entertainment technology.

NOTE: This course serves the identified gifted/talented student.**66110H VARSITY BAND (BAND I)****Service ID: 03150100****66120H VARSITY BAND (BAND II)****Service ID: 03150200****66130H VARSITY BAND (BAND III)****Service ID: 03150300****66140H VARSITY BAND (BAND IV)****Service ID: 03150400****Lowest Grade Placement: 9****Credit: 1****Prerequisite: Audition Required****Weight: 0**

This course develops musical knowledge and band ensemble skills in the TEKS, primarily through performance. This is an advanced class for band students, so membership is determined by audition and prior experience. Sight-reading

skills and technical skills are prerequisites. Activities include concerts, UIL events, regionals, area and all- state tryouts. Students will receive ½ credit of PE in the fall if needed.

Note: Participation in marching band is required. Attendance at rehearsals outside of class and at concerts is required.

66210H NON-VARSITY BAND (BAND I)

Service ID: 03150100

66220H NON-VARSITY BAND(BANDII)

Service ID: 03150200

66230H NON-VARSITY BAND (BANDIII)

Service ID: 03150300

66240H NON-VARSITY BAND (BAND IV)

Service ID: 03150400

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition Required

Weight: 0

This course develops musical knowledge and band ensemble skills in the TEKS, primarily through performance. This is an upper intermediate class for band students, so membership is determined by audition and prior experience. Sight-reading skills and technical skills are prerequisites. Activities include concerts, UIL events, and region tryouts. Students will receive ½ credit of PE in the fall if needed.

Note: Participation in marching band is required. Attendance at rehearsals outside of class and at concerts is required.

66310H SUB NON-VARSITY BAND (BAND I)

Service ID: 03150100

66320H SUB NON-VARSITY BAND (BAND II)

Service ID: 03150200

66330H SUB NON-VARSITY BAND (BAND III)

Service ID: 03150300

66340H SUB NON-VARSITY BAND (BAND IV)

Service ID: 03150400

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition Required

Weight: 0

This course develops musical knowledge and band ensemble skills in the TEKS, primarily through performance. This is an intermediate class for band students, so membership is determined by audition and prior experience. Sight-reading skills and technical skills are prerequisites. Activities include concerts, UIL events, and region tryouts. Students will receive ½ credit of PE in the fall if needed.

Note: Participation in marching band is required. Attendance at rehearsals outside of class and at concerts is required.

66610H JAZZ BAND I**Service ID: 03150100****66620H JAZZ BAND II****Service ID: 03150200****66630H JAZZ BAND III****Service ID: 03150300****66640H JAZZ BAND IV****Service ID: 03150400****Lowest Grade Placement: 9****Credit: 0.5 or 1****Prerequisite: Audition Required and Concurrent Enrollment in Band, Orchestra, or Choir****Weight: 0**

This course allows students the opportunity to learn Jazz style and interpretation. Students will perform traditional, progressive and contemporary jazz music and will learn components of improvisation. Activities might include UIL solo and ensemble, festivals, community Service and civic functions.

67110H VARSITY ORCHESTRA I**Service ID: 03150500****67120H VARSITY ORCHESTRA II****Service ID: 03150600****67130H VARSITY ORCHESTRA III****Service ID: 03150700****67140H VARSITY ORCHESTRA IV****Service ID: 03150800****Lowest Grade Placement: 9****Credit: 1****Prerequisite: Audition Required****Weight: 0**

This course develops musical knowledge and orchestral skills in the TEKS, primarily through performance. This is an advanced class for string students, so membership is determined by audition and prior experience. Sight-reading skills and technical skills are prerequisites. Activities include concerts, UIL events, and region, area and all- state tryouts.

Note: Attendance at rehearsals outside of class and at concerts is required.**67210H NON-VARSITY ORCHESTRA I****Service ID: 03150500****67220H NON-VARSITY ORCHESTRA II****Service ID: 03150600****67230H NON-VARSITY ORCHESTRA III****Service ID: 03150700****67240H NON-VARSITY ORCHESTRA IV****Service ID: 03150800**

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition Required

Weight: 0

This course develops musical knowledge and orchestral skills in the TEKS, primarily through performance. This is an upper intermediate class for string students, so membership is determined by audition and prior experience. Sight-reading skills and technical skills are prerequisites. Activities include concerts, UIL events, region, area and all- state tryouts. **Note: Attendance at rehearsals outside of class and at concerts is required.**

67310H SUB NON-VARSITY ORCHESTRA A I

Service ID: 03150500

67320H SUB NON-VARSITY ORCHESTRA A II

Service ID: 03150600

67330H SUB NON-VARSITY ORCHESTRA A III

Service ID: 03150700

67340H SUB NON-VARSITY ORCHESTRA A IV

Service ID: 03150800

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition Required

Weight: 0

This course develops musical knowledge and orchestral skills in the TEKS, primarily through performance. This is an intermediate class for string students, so membership is determined by audition and prior experience. Sight- reading skills and technical skills are prerequisites. Activities include concerts, UIL events, region, area and all-state tryouts.

Note: Attendance at rehearsals outside of class and at concerts is required.

67410H SUB NON-VARSITY ORCHESTRA B I

Service ID: 03150500

67420H SUB NON-VARSITY ORCHESTRA B II

Service ID: 03150600

67430H SUB NON-VARSITY ORCHESTRAB B III

Service ID: 03150700

67440H SUB NON-VARSITY ORCHESTRA B IV

Service ID: 03150800

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition Required

Weight: 0

This course develops musical knowledge and orchestral skills in the TEKS, primarily through performance. This is an intermediate class for string students, so membership is determined by audition and prior experience. Sight- reading skills and technical skills are prerequisites. Activities include concerts, UIL events, region, area and all-state tryouts.

Note: Attendance at rehearsals outside of class and at concerts is required.

68110H VARSITY MIXEDCHOIR I**Service ID: 03150900****68120H VARSITY MIXEDCHOIR II****Service ID: 03151000****68130H VARSITY MIXED CHOIR III****Service ID: 03151100****68140H VARSITY MIXED CHOIR IV****Service ID: 03151200****Lowest Grade Placement: 9****Credit: 1****Prerequisite: Audition Required****Weight: 0**

This course develops musical knowledge and vocal skills in the TEKS primarily through performance. This is an advanced class for mixed voices, so membership is determined by audition and prior experience. Sight-singing skills, vocal flexibility, and attendance at rehearsals outside of class are prerequisites. Activities include concerts, U.I.L. events, region, area, and all state tryouts.

Note: Attendance at concerts is required.**68210H TENOR/BASS CHOIR I****Service ID: 03150900****68220H TENOR/BASS CHOIR II****Service ID: 03151000****68230H TENOR/BASS CHOIR III****Service ID: 03151100****68240H TENOR/BASS CHOIR IV****Service ID: 03151200****Lowest Grade Placement: 9****Credit: 1****Prerequisite: Audition Required****Weight: 0**

This course develops musical knowledge and vocal skills in the TEKS primarily through performance. This is an introductory class for adolescent male voices. Ability to match pitch, willingness to work on sight-singing and attendance at rehearsals outside of class are prerequisites. Activities include concerts and U.I.L. events.

Note: Attendance at concerts is required.**68310H TREBLE CHOIR I****Service ID: 03150900****68310H TREBLE CHOIR II****Service ID: 03151000****68310H TREBLE CHOIR III****Service ID: 03151100****68310H TREBLE CHOIR IV****Service ID: 03151200**

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition Required

Weight: 0

This course develops musical knowledge and vocal skills in the TEKS primarily through performance. This is an introductory class for treble voices. Ability to match pitch, willingness to work on sight-singing and attendance at rehearsals outside of class are prerequisites. Activities include concerts and U.I.L. events.

Note: Attendance at concerts is required.

68710H APPLIED VOICE I

Service ID: 03152500

68720H APPLIED VOICE II

Service ID: 03152600

68730H APPLIED VOICE III

Service ID: 03152601

68740H APPLIED VOICE IV

Service ID: 03152602

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Audition Required and Concurrent Enrollment in Chorale

Weight: 0

Advanced vocal pedagogy and performance is a class designed for students interested in pursuing a degree in music or advanced performance techniques. This course will prepare students for solo performance at the collegiate level and introduce advanced academic curriculum in order to prepare students for the rigors of collegiate music education.

68610H VOCAL ENSEMBLE I(SHOW CHOIR)

Service ID: 03152100

68620H VOCAL ENSEMBLE II(SHOW CHOIR)

Service ID: 03152200

68630H VOCAL ENSEMBLE III(SHOW CHOIR)

Service ID: 03152300

68640H VOCAL ENSEMBLE IV (SHOW CHOIR)

Service ID: 03152400

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition Required and Concurrent Enrollment in Chorale

Weight: 0

This course develops musical knowledge and vocal skills through focus on perception, creative expression/performance, historical and cultural heritage and critical evaluation. Classes progressively develop singing, choreography reading skills, and repertoire from the show choir literature.

69020H ADVANCED PLACEMENT (AP) MUSIC THEORY**Service ID: A3150200****Lowest Grade Placement: 11****Credit: 1****Prerequisite:** Interview/Audition with instructor required and Concurrent enrollment in one of the music ensemble courses**Weight: 0**

This is a class for the advanced music student. Students will learn the basic components of Music Theory including but not limited to key signatures, intervals, complex rhythms, key relationships, chord analysis, and chord progressions. This class is offered for future music majors or music minors and will be geared toward passing the freshmen year of music theory in college. This **IS** a concurrent enrollment class and students will be required to take the AP Music Theory Exam as outlined by the College Board.

NOTE: This advanced course serves the identified gifted/talented student.**69063D MUSIC APPRECIATION STC DUAL ENROLLMENT****Service ID: 03155600****Lowest Grade Placement: 11****Credit: 0.5****Prerequisite:** Interview/Audition with instructor required and Concurrent enrollment in one of the music ensemble courses**Weight: 0**

This semester course covers understanding music through the study of cultural periods, major composers, and musical elements. Illustrated with audio recordings and live performances. (Does not apply to a music major degree.)

69710H GUITAR I**Service ID: 03154600****69720H GUITAR II****Service ID: 03154700****69730H GUITAR III****Service ID: 03154800****69740H GUITAR IV****Service ID: 03154900****Lowest Grade Placement: 9****Credit: 1****Prerequisite:** Audition Required**Weight: 0**

This course develops musical knowledge and technical skills on guitar through focus on perception, creative expression/ performance, historical and cultural heritage and critical evaluation. Sequential classes progressively develop left- and right-hand technique, reading skills and repertoire from the traditional, classical or mariachi literature.

69610H MARIACHI ENSEMBLE I

Service ID: 03153800

69620H MARIACHI ENSEMBLE II

Service ID: 03153900

69630H MARIACHI ENSEMBLE III

Service ID: 03154000

69640H MARIACHI ENSEMBLE IV

Service ID: 03154100

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition Required

Weight: 0

This course allows students the opportunity to learn Mariachi technique, style and interpretation. Students will learn composition and arranging techniques and will perform traditional progressive and contemporary music. Activities include UIL solo and ensemble, festivals, community Service and civic functions.

69810H ENSEMBLE CLASS -INSTRUMENTAL I

Service ID: 03151700

69820H ENSEMBLE CLASS -INSTRUMENTAL II

Service ID: 03151800

69830H ENSEMBLE CLASS -INSTRUMENTAL III

Service ID: 03151900

69840H ENSEMBLE CLASS -INSTRUMENTAL IV

Service ID: 03152000

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Audition Required; Enrollment in Band, Choir, or Orchestra

Weight: 0

This course develops musical knowledge and technical skills in a particular ensemble through focus on perception, creative expression / performance, historical and cultural heritage and critical evaluation. Stage Band, Mariachi, Steel Drum band and other specialized musical ensembles can be taken as ensemble. Sequential Classes progressively develop specific techniques, reading skills and literature for each genre.

Health/P.E./Athletics

50110H HEALTH I

Service ID: 03810100

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This one semester course deals with the following twelve units:

1. Emotions and Personality
2. Body Supply Systems
3. Physical Fitness, Safety and First Aid
4. Prevention of Health Problems
5. Emotional and Mental Health
6. Use of Alcohol, Tobacco and Drug Abuse
7. Family and Social Health and Arthritis
8. Epilepsy, Diabetes, and Cancer
9. Communicable Diseases
10. Food and Nutrition
11. Responsible Sexuality Abstinence
12. Sexual Harassment

Physical Education

Increased proficiency enhances students' abilities to develop and maintain a lifelong physically active lifestyle through individual sport pursuits.

50330H LIFETIME FITNESS AND WELLNESS PURSUITS

Service ID: PES00051

Lowest Grade Placement: 9

Credit: 1

Weight: 0

The Lifetime Fitness and Wellness Pursuits course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in Lifetime Fitness and Wellness Pursuits will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness. Students will participate in a variety of physical activities for attaining personal fitness and lifetime wellness.

50340H SKILL-BASED LIFETIME ACTIVITIES

Service ID: PES00056

Lowest Grade Placement: 9

Credit: 1

Weight: 0

The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in basic sport skills, basic sport knowledge, and health and fitness principles. Students will experience opportunities that promote physical literacy and lifetime wellness. Students in Skill-Based Lifetime Activities will participate in a minimum of one lifelong activity from each of the following five categories during the course: target games, striking and field games, fitness activities, rhythmic activities, and innovative games and activities with international significance.

50510H LIFETIME RECREATION AND OUTDOOR PURSUITS

Service ID: PES00053

Lowest Grade Placement: 9

Credit: 1

Weight: 0

The Lifetime Recreation and Outdoor Pursuits course provides opportunities to develop competency in five or more life-long recreational and outdoor pursuits for enjoyment and challenge. Students in Lifetime Recreation and Outdoor Pursuits will participate in activities that promote physical literacy, promote respect for and connection to nature and the environment, and promote opportunities for enjoyment for a lifetime. Students will experience opportunities that enhance self-worth and support community engagement.

Athletics

NOTES OF SPECIAL INTEREST

- **All students must have a physical examination before participation. Physicals are provided by the school district on specific dates. If a student cannot be present, he/she must provide his/her own physical exam.**
- **Insurance is provided by the school district for all boys and girls inter scholastic athletic activities.**
- **All athletes, cheerleaders and dance team must take part in off-season conditioning.**
- **Football athletes must also take part in Spring Training.**
- **Students are expected to follow the Student Athlete Code of Conduct.**

UIL Constitution & Contest Rules: Student-athletes shall not be enrolled in more than one physical education and/or athletic class whether or not they are receiving credit. Exceptions (with local school approval) PE Class: lifetime recreation and outdoor pursuits; PE substitutes: Partners PE, JROTC, Cheerleading, drill team, marching band; innovative course: team sports officiating.

51110H-51140H GIRLS' BASKETBALL
 52110H-52140H BOYS' BASKETBALL
 51510H-51540H GIRLS' SOCCER
 52510H-52540H BOYS' SOCCER
 51610H-51640H GIRLS' SOFTBALL
 52010H-52040H BOYS' BASEBALL
 51910H-51940H GIRLS' WRESTLING
 52810H-52840H BOYS' WRESTLING
 51710H-51740H GIRLS' TRACK/CROSS-COUNTRY
 52710H-52740H BOYS' TRACK/CROSS-COUNTRY
 52310H-52340H FOOTBALL
 53610H-53640H SWIM TEAM
 53410H-53440H DIVING
 51810H-51840H GIRLS' VOLLEYBALL
 53510H-53540H GOLF
 53710H-53740H VARSITY TENNIS
 53810H-53840H J.V. TENNIS
 53910H TENNIS

Service ID: PES00000

Service ID: PES00001

Service ID: PES00002

Service ID: PES00003

Lowest Grade Placement: 9

Credit: 1 PE

Weight: 0

53010H CHEERLEADING I (TRYOUTS)

Service ID: PES00013

Lowest Grade Placement: 9

Credit: 1 PE

Weight: 0

53020H-53040H CHEERLEADING II-IV (TRYOUTS)

Service ID: 84200001

Service ID: 84200002

Service ID: 84200003

Lowest Grade Placement: 9

Credit: 1 Local

Weight: 0

64910H DANCE TEAM I (TRYOUTS)

Service ID: PES00014

Lowest Grade Placement: 9

Credit: 1 PE

Weight: 0

64860H COLOR GUARD I

Service ID: PES00012

Lowest Grade Placement: 9

Credit: 1 PE

Weight: 0

Leadership Education and Training

54120H-54420H LEADERSHIP EDUCATION AND TRAINING I - IV

Service ID: PES00004, 03160200, 03160300, 03160400

Lowest Grade Placement: 9

Credit: 1

Weight: 0

This course develops leaders and motivates students to become better citizens. The curriculum is dynamic, hands-on, and performance oriented. It provides students with opportunities to form habits of self-discipline, think logically, communicate effectively, and apply what they learn in the classroom to real situations. The instructors are retired professional soldiers to include a commissioned officer and two non-commissioned officers. Students receive instruction in all aspects of leadership development. These include physical fitness, techniques of communication, problem solving and decision making. Students are provided many opportunities to accumulate and document hundreds of hours of community Service. Students who complete two or more years in the program may receive advance grade placement in the Armed Forces should they elect to join. However, students who enroll in this course are under absolutely no military obligation whatsoever. This course is compatible and similar in nature at all three McAllen High Schools. The U.S. Army sponsors the program at McAllen High and Rowe. The U.S. Marine Corp. sponsors the program at Memorial.

Note: ROTC I counts as a Physical Education (PE) credit.

Communications

15020H JOURNALISM

Service ID: 03230100

Lowest Grade Placement: 9

Credit: 1

Weight: 0

Students learn the basic aspects of all forms of the mass media including newspapers, yearbooks, advertising, broadcast, and photography. Students learn how to write for different audiences and use different writing styles and techniques with an awareness of deadlines. Students learn how to become consumers of the media and use technology to enhance their communication skills. Students are also taught journalism ethics and the responsibilities of the media.

15120H ADVANCED JOURNALISM YEARBOOK I

Service ID: 03230110

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Journalism (15020H)

Weight: 0

Students use graphics, design, and layout skills to produce the school yearbook with desktop publishing. Students plan, draft, and complete written and/or visual communications, with a deadline in mind, on a regular basis. Students also cover such topics as copy writing, interviewing skills, proofreading, photography, advertising, and legal issues of publications.

15220H ADVANCED JOURNALISMYEARBOOK II

Service ID: 03230120

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Advanced Journalism Yearbook I

Weight: 0

Through the use of computers and software programs, students will use desktop publishing to produce the school yearbook. There is a high emphasis on writing and leadership skills. Students also concentrate on the business aspect of yearbooks through public relations and advertising.

15320H ADVANCED JOURNALISM YEARBOOK III

Service ID: 03230130

Lowest Grade Placement: 12

Credit: 1

Prerequisite: Approval and Advanced Journalism (15220H)

Weight: 0

This course allows students to concentrate on advanced yearbook layouts and graphic ideas and assist the adviser with planning the yearly publications. By computers and software programs, students use desktop publishing to assist them in design and layout. There is also a high emphasis on writing and leadership skills. Students also master such topics as copy writing, interviewing skills, proofreading, typography, photography, advertising, and legal issues of publications.

15720H PHOTOJOURNALISM

Service ID: 03230800

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Journalism (15020H)

Weight: 0

This course allows student to take, develop and print photographs for the school's publications. A basic knowledge of photography is required.

17320H DEBATE I

Service ID: 03240600

Lowest Grade Placement: 9

Credit: 1

Weight: 0

The goal of this course is to enhance students' skills in research, public speaking, logic, note taking, and an in- depth analysis. This course emphasizes Cross-Examination policy debate, Lincoln Douglas values, Public Forum debate, and Congressional debate. Additionally, students will develop extemporaneous speaking skills.

Note: Participation in speech and debate tournaments and assistance in the administration of speech and debate tournaments are required.

17420H DEBATE II

Service ID: 03240700

Lowest Grade Placement: 10

Credit: 1

Weight: 0

This course is designed as an informally structured class, which follows the guidelines set by the State. Students will work independently to enhance skills gained from Debate I.

Note: Participation in speech and debate tournaments and assistance in the administration of speech and debate tournaments are required.

17520H DEBATE III

Service ID: 03240800

Lowest Grade Placement: 10

Credit: 1

Weight: 0

This course is designed as an informally structured class, which follows the guidelines set by the State. Students will work independently to enhance skills gained from Debate II.

Note: Participation in speech and debate tournaments and assistance in the administration of speech and debate tournaments are required.

15820H INDEPENDENT STUDY IN JOURNALISM (YEARBOOK & NEWSPAPER)

Service ID: 03231000, 03231011, 03231022

Lowest Grade Placement: 10

Credit: 1

Weight: 0

Students enrolled in Independent Study in Journalism write in a variety of forms for a variety of audiences and purposes. High school students enrolled in this course are expected to plan, draft and complete written communications on a regular basis, carefully examining their copy for clarity, engaging language and using the conventions and mechanics of written English correctly. Students will become analytical consumers of media and technology to enhance their communication skills. Writing, technology, visual and electronic media are used as tools for learning as students create, clarify critique, write, and produce effective communications. Students enrolled in Independent Study in Journalism will refine and enhance their journalistic skills, research self-selected topics, plan, organize and prepare a project(s).

NOTE: This advanced course serves the identified gifted/talented student.

Other Electives

99440H AVID I

Service ID: N1290001

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Be enrolled in Pre-AP or AP

Weight: 0

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. The ninth-grade AVID Elective course will serve as a review of the AVID philosophy and strategies. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions.

99460H AVID II

Service ID: N1290002

Lowest Grade Placement: 10

Credit: 1

Prerequisite: AVID I and be enrolled in Pre-AP or AP

Weight: 0

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. During the tenth-grade AVID Elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth.

99470H AVID III

Service ID: N1290003

Lowest Grade Placement: 10

Credit: 1

Prerequisite: AVID I, II and be enrolled in Pre-AP or AP

Weight: 0

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. The eleventh-grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

99480H AVID IV**Service ID: N1290004****Lowest Grade Placement: 12****Credit: 1****Prerequisite: AVID I, II, III, and be enrolled in a Pre-AP or AP****Weight: 0**

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. The AVID Elective twelfth grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans.

48120H STUDENT LEADERSHIP**Service ID: N1290010****Lowest Grade Placement: 9****Credit: 1****Weight: 0**

This course is designed to offer students the opportunity to explore what it means to be a leader and to guide students' first efforts at exercising leadership. This course is taught in a hands-on manner that enables student leaders to experience leadership in a variety of real settings.

48220H PEER ASSISTANCE AND LEADERSHIP (P.A.L.) I & II**Service ID: N1290005, N1290006****Lowest Grade Placement: 11****Credit: 1****Weight: 0**

This course allows students to become peer facilitators through working with elementary and middle school students, as well as students from their own campuses. The in-class training for PAL students focuses on the role of the helper, confidentiality/liability issues, group dynamics, self-awareness, peer tutoring, listening and communication skills and many other issues of concern. The course is intended to provide a field of experience for young people who are potentially interested in careers in education, counseling, or community Service.

NOTE: Course offered at McAllen High School, Memorial High School and Lamar Academy.

49100H TRANSITION**Service ID: N1290050****Lowest Grade Placement: 9****Credit: 1****Weight: 0**

It is designed to equip students with the knowledge, skills, and abilities, necessary to be active and successful

learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research. College Transition course provides the means and training for students to locate financial scholarships and grant opportunities, complete applications, and explore technical schools, colleges, and universities. With the increased emphasis on post-secondary education and the development of college readiness standards, this course serves to help students in their preparation for the rigor of post-secondary education. Additionally, this course will provide instruction for students on proper interactions with a peace officer. This course will incorporate emotional intelligence skills to help students become better equipped to reach their fullest potential in collegiate and career environments.

Note: This course is a local graduation requirement for all entering freshman in McAllen ISD. Students must satisfactorily complete the local graduation requirement. This course satisfies the requirements of SB 30 Proper Interactions with a Peace Officer.

49540H THEORY OF KNOWLEDGE (TOK) Y1

Service ID: 03221600

Lowest Grade Placement: 11

Credit: 1

Weight: 13 (beginning with the 2025-2026 *Freshmen* cohort)

This course focuses on student reflection and questioning. Students are challenged to reflect critically on diverse ways of knowing and areas of knowledge, and to consider the role knowledge plays in a global society. Students are encouraged to become aware of themselves as thinkers, to recognize the complexity of knowledge, and to accept the need to act responsibly in an increasingly interconnected world.

Note: The Theory of Knowledge course is a requirement for the IB Diploma. This advanced course serves identified gifted/talented students.

49550H THEORY OF KNOWLEDGE (TOK) Y2

Service ID: N1290322

Lowest Grade Placement: 12

Credit: 1

Weight: 13 (beginning with the 2025-2026 *Freshmen* cohort)

This course focuses on student reflection and questioning. Students are challenged to reflect critically on diverse ways of knowing and areas of knowledge, and to consider the role knowledge plays in a global society. Students are encouraged to become aware of themselves as thinkers, to recognize the complexity of knowledge, and to accept the need to act responsibly in an increasingly interconnected world.

Note: The Theory of Knowledge course is a requirement for the IB Diploma. This advanced course serves identified gifted/talented students.

49300H AP SEMINAR

Service ID: N1130026

Lowest Grade Placement: 10

Credit: 1 Elective

Level: Advanced

Weight: 13

This advanced course is the first course in the AP Capstone program. It provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a cross-curricular lenses, consider multiple points of view to develop deep understanding of complex issues, connect these issues to their own lives, and work both collaboratively and independently. Students enrolled in this course will be required to take the AP Exam, which consists of two through-course performance tasks, including two academic papers and presentations, and an end of course written exam.

Note: This advanced course serves identified gifted/talented students. This course was board approved as a weighted Social Sciences course June 22, 2015.

49310H AP RESEARCH

Service ID: N1100014

Lowest Grade Placement: 11

Credit: 1 Elective

Prerequisite: AP Seminar

Level: Advanced

Weight: 13

This advanced course is the second course in the AP Capstone program. This experience allows students to design, plan, and conduct a year-long research-based investigation on a topic of individual interest. Through this mentored inquiry and investigation, students demonstrate the ability to connect scholarly understanding to real-world problems and issues. Students further their skills acquired in the AP Seminar Course by understanding research methodology, employing ethical research practices, accessing, analyzing, and synthesizing information as they address a research question. Students enrolled in this course will be required to take the AP Exam consisting of a mentored academic thesis paper and a presentation with an oral defense.

Note: This advanced course serves identified gifted/talented students. This course was board approved as a weighted Social Sciences course June 22, 2015.

Endorsements



MULTIDISCIPLINARY ENDORSEMENT OVERVIEW

Introduction

The Multidisciplinary Endorsement allows students to select courses from each of the endorsement areas. Students can satisfy this endorsement by taking advanced CTE courses, which prepare the student to enter post-secondary education or the workforce successfully. This endorsement can also be earned if students successfully complete advanced courses in multiple content areas sufficient to complete the Foundation Program with a Distinguished Level of Achievement.

Possible Careers:

All career pathways identified in all clusters and endorsement areas would fall into the multidisciplinary endorsement area.

Available Pathways:

Both CTE and Non-CTE pathways are available within the Multidisciplinary Endorsement.

To satisfy the Non-CTE path in the Multidisciplinary Endorsement, students must select:

- A. Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence

Or

- B. Four credits in each of the four foundation subject areas to include English IV and Chemistry and/or Physics.

Or

- C. Four credits in Advanced Placement, International Baccalaureate or Dual Credit courses from the areas listed below:
 - English
 - Math
 - Science
 - Social Studies
 - Economics
 - Languages Other Than English (LOTE)
 - Fine Arts

ARTS & HUMANITIES ENDORSEMENT OVERVIEW

Introduction

The Arts and Humanities Endorsement offers students an opportunity to study ancient and modern literature, history, language and culture. These courses allow students an opportunity to explore and understand how other cultures live. Students interested in the performing arts of music and theatre, as well as the visual arts, may find this endorsement suitable for them.

Possible Careers

Possible career paths and interest areas for students pursuing an Arts and Humanities endorsement include courses related to: Political Science, World Languages, Cultural Studies, English Literature, History, and Fine Arts.

Available Pathways

An Arts and Humanities endorsement is only available through a Non-Career and Technical Education pathway. To satisfy the Non-CTE path in the endorsement, students must select:

- Five total credits in Social Studies and/or Economics: OR
- Four levels of the same Language Other than English (LOTE) OR
- Two levels in one LOTE AND two levels in a different LOTE; OR
- A coherent sequence of four credits from one or two disciplines in Fine Arts.

McAllen ISD offers a variety of social studies courses, a variety of different LOTE language courses and a large number of Fine Arts courses in both the Visual and Performing Arts.

High School Social Studies Recommended Course Sequence

4 Social Studies Credits Required (Policy EIF Local)		
9 th Grade	World Geography	1 credit
10 th Grade	World History	1 credit
11 th Grade	US History (EOC)	1 credit
12 th Grade	US Government Economics	½ credit ½ credit

Arts and Humanities Endorsement: Social Studies Option

5 Total Social Studies Credits Needed

(in addition to the 4 requirements listed above)

5th Credit may be selected from the following:

Psychology (1/2 credit) – CP Rank Beginning Cohort 17-18

Sociology (1/2 credit) – CP Rank Beginning Cohort 17-18

Personal Financial Literacy (1/2 credit) - CP Rank Beginning Cohort 17-18

AP European History (1 credit) – AP Rank

IB History of the Americas HL (1 credit) – DP Rank

Special Topics in Social Studies (1/2 credit) – CP Rank Beginning Cohort 17-18

AP Psychology (1/2 credit) – AP Rank Beginning Cohort 17-18

AP Research Methods/Psychology (1/2 credit) – AP Rank Beginning Cohort 17-18

IB Psychology SL (1/2 credit) – DP Rank Beginning Cohort 17-18

IB Psychology HL (1 credit) – DP Rank Beginning Cohort 17-18

Ethnic Studies: African American Studies (1 credit) – CP Rank Beginning Cohort 21-22

Ethnic Studies: Mexican American Studies (1 credit) – CP Rank Beginning Cohort 21-22

Please note:

Arts and Humanities Endorsement may also be earned in Languages other than English (LOTE) and Fine Arts

Arts & Humanities: Fine Arts Option

9th Grade	10th Grade	11th Grade	12th Grade
Art 1	Art 2 - Drawing, Painting, Ceramics, Sculpture	Art 3 - Drawing, Painting, Ceramics, Sculpture	Art 4 - Drawing, Painting, Ceramics, Sculpture
Dance 1	Dance 2	Dance 3	Dance 4
Music 1 - Band, Choir, Orchestra, Mariachi	Music 2 - Band, Choir, Orchestra, Mariachi	Music 3 - Band, Choir, Orchestra, Mariachi	Music 4 - Band, Choir, Orchestra, Mariachi
Theatre 1: Theatre Arts, Theatre Production, Technical Theatre	Theatre 1: Theatre Arts, Theatre Production, Technical Theatre	Theatre 1: Theatre Arts, Theatre Production, Technical Theatre	Theatre 1: Theatre Arts, Theatre Production, Technical Theatre

Arts & Humanities: World Languages Option

9 th Grade	10 th Grade	11 th Grade	12 th Grade
French 1/MYP French	French 2/MYP French 2	French 3/IB	French 4/IB
American Sign Language 1	American Sign Language 2	American Sign Language 3	American Sign Language 4
Spanish 1/IB/MYP (MON/BIL)	Spanish 2/IB/MYP (MON/BIL)	Spanish 3/IB/AP	AP Spanish 4/IB

STEM ENDORSEMENT OVERVIEW

Introduction

Students pursuing a STEM Endorsement would complete courses directly related to: Environmental Science, Technology, Engineering, Advanced Mathematics, Advanced Science and Computer Science. For more information on these and other related careers, please explore career pathways in Xello. In addition, refer to the Curriculum Bulletin on course descriptions.

Students who choose this endorsement MUST complete the following courses:

- Algebra II
- Chemistry
- Physics

Possible Careers

The STEM Endorsement may be the right pathway for a student interested in careers such as a biochemistry, bioengineering, civil engineering, electrical engineering, medical science, mechanical engineering, chemical engineering, environmental engineering, avionics technology, physics, robotic engineering, and biomedical engineering.

Available Pathways

Both CTE and Non-CTE pathways are available within the STEM endorsement.

NON-CAREER TECHNICAL (CTE) EDUCATION PATH COURSES

To satisfy the Non-CTE path in the STEM Endorsement, students must select a number of credits from one of the following options:

- Four Credits in a coherent sequence of Computer Science and/or Technology Applications Courses
- Five Credits in Math – 2 “Foundation” Math credits, Algebra II and 2 additional credits in Mathematics courses for which Algebra II is a prerequisite - for 5 credits in math.
- Five Credits in Science – Biology, Chemistry, Physics, and two additional credits in Science (cannot include Integrated Physics/Chemistry (IPC)) - for 5 credits in science.
- Five Credits in a “flexible” pathway – Algebra II, Chemistry, Physics, and three additional credits from no more than two of the categories listed in this pathway (CTE Engineering, computer science, math, or science).

CAREER TECHNICAL EDUCATION (CTE) PATH

To satisfy the CTE path in the STEM Endorsement, students must select a coherent sequence of four credits in CTE that consists of at least two courses in the same cluster, including at least one “advanced” CTE course. The final course in the sequence must be obtained from the following cluster:

- Science, Technology, Engineering, & Math

For CTE Program of study, refer to the [Career Connections](#) booklet.

BUSINESS & INDUSTRY ENDORSEMENT OVERVIEW

Introduction

The Business and Industry Endorsement incorporates a large number of career paths and student interests. McAllen ISD offers many courses, which fall within this particular endorsement. Refer to the McAllen ISD Curriculum Bulletin for further details on course descriptions.

Possible Careers

Possible career paths and interest areas for the Business & Industry Endorsement may include the following: Database Management; Information Technology, Communications, Accounting, Finance, Marketing, Graphic Design, Welding, Logistics, Automotive Technology, and Agricultural Science.

Available Pathways

Both CTE and Non-CTE pathways are available within the Business & Industry Endorsement.

NON-CAREER TECHNICAL (CTE) EDUCATION PATH COURSES

To satisfy the Non-CTE path in the Business and Industry Endorsement, students must select four “elective” credits in English Language Arts (ELA). Within those four credits, students must select at least three levels in Advanced Broadcast Journalism, Debate, Newspaper, or Yearbook.

CAREER TECHNICAL EDUCATION (CTE) PATH COURSES

To satisfy the CTE path in the Business and Industry Endorsement, students must select a coherent sequence of four credits in CTE that consists of at least two courses in the same cluster, including at least one “advanced” CTE course. The final course in the sequence must be obtained from one of the following clusters:

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, A/V Technology and Communication
- Business, Marketing, and Finance
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Transportation Distribution and Logistics

For CTE Program of study, refer to the [Career Connections](#) booklet.

PUBLIC SERVICES ENDORSEMENT OVERVIEW

Introduction

Students pursuing an endorsement in Public Services will enroll in courses directly related to health science, human Services, education, legal studies, or law enforcement. For more information on these and other related careers, please explore McAllen ISD Curriculum Bulletin for further details on course descriptions.

Possible Careers

Human Services and Health Science careers include careers as a nurse, physician's assistant, hair stylist, hospital administrator, nutritionist, clergy, counselor, etc. Law Enforcement and Public Safety include careers such as mediator, law clerk, paralegal, detective, security guard, criminal investigator, bailiff, and fish and game warden. Within the education area, students may be interested in career fields such as teacher, athletic trainer, principal, college professor, school psychologist, diagnostician, or counselor. Public Services incorporate careers in health sciences, human Services, law enforcement and public safety, and education.

Available Pathways

Both CTE and Non-CTE pathways are available within the Public Services Endorsement.

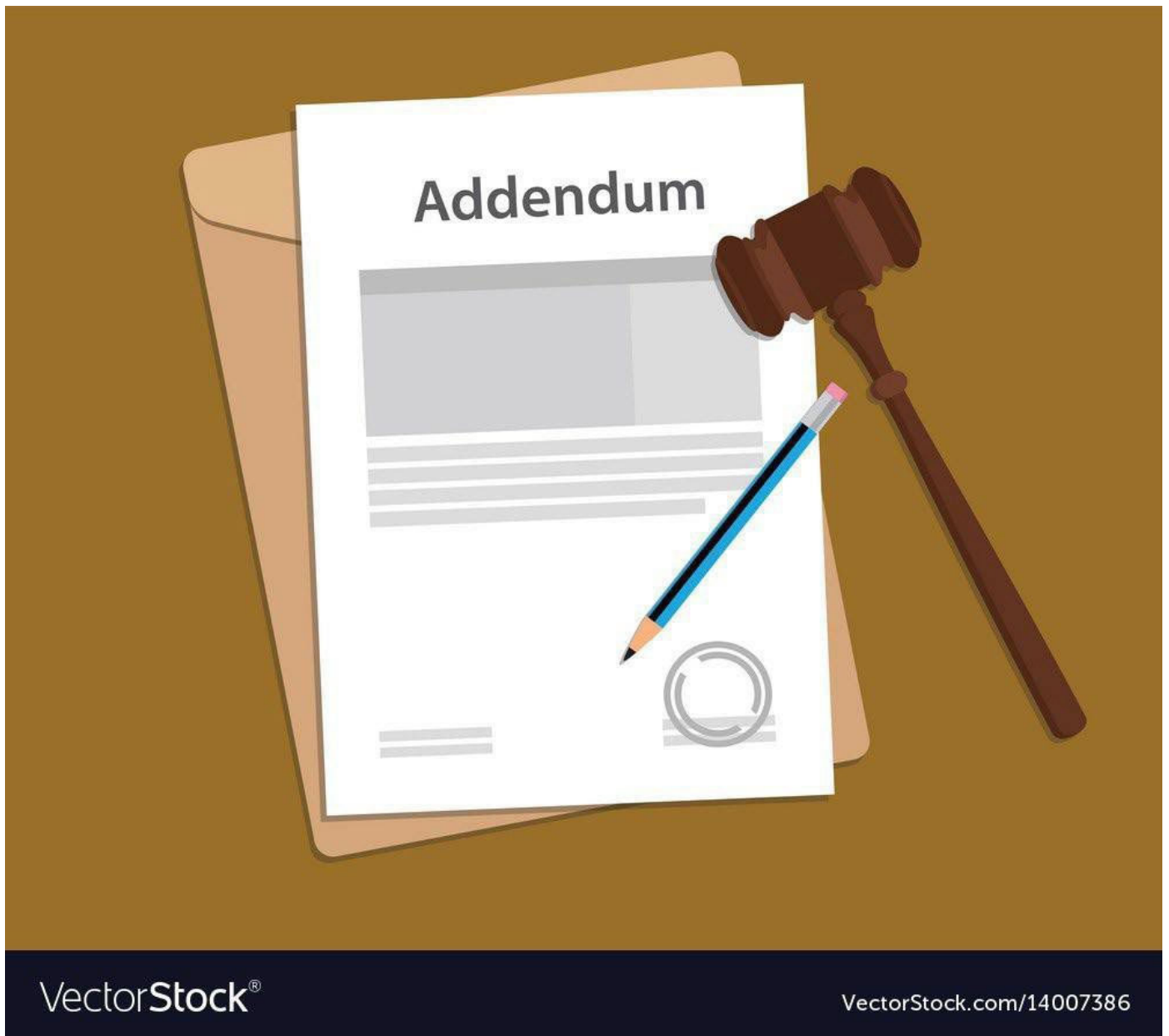
CAREER TECHNICAL EDUCATION (CTE) PATH COURSES

To satisfy the CTE path in the Public Services Endorsement, students must select a coherent sequence of four credits in CTE that consists of at least two courses in the same cluster, including at least one "advanced" CTE course. The final course in the sequence must be obtained from one of the following clusters:

- Education & Training
- Health Science
- Human Services
- Law and Public Service
- Military Science (JROTC)

For CTE Program of study, refer to the [Career Connections](#) booklet.

Addendum



Addendum

Addendum No. 1

Pgs. 8 – 15

Updated Campus Demographics

Addendum No. 2

Pgs. 177 – 178, 183, 185 – 188; 190 – 191; 198 – 199

Updated CTE Service IDs

Addendum No. 3

Pgs. 248

Updated Weight for Theory of Knowledge Y1 & Y2

Addendum No. 4

Pgs. 80-82

Updated EIC(Local) Policy

Addendum No. 5

Pg. 4

Updated Vision and Mission

Addendum No. 6

Pgs. 248

Updated Weight for Theory of Knowledge Y1 & Y2

Changed cohort from 2024-2025 to 2025-2026

Changed Juniors to Freshmen

November 08, 2024

2024-2025 CURRICULUM BULLETIN

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