

HIGH SCHOOL

2021 - 2022

CATALOG OF HIGH SCHOOL COURSES

BEGINNING WITH STUDENTS IN THE CLASS OF 2020 AND AFTER

CORPUS CHRISTI INDEPENDENT SCHOOL DISTRICT

CORPUS CHRISTI, TEXAS

Every Student a Learner...Every Learner a Graduate...Every Graduate a Success!



Our mission....

The mission of the Corpus Christi Independent School District is to develop the hearts and minds of all students, preparing them to be lifelong learners who continue their education, enter the world of work, and become productive citizens.

Our vision...

Our vision is to be a world class school system where every student is a learner, every learner is a graduate, and every graduate is a success.

Our goals...

Goal 1: Percent of students in Grades K, 1, and 2 who are assessed with the Istation’s Indicators of Progress (ISIP) Progress Monitoring Tool will increase from 50% to 92% in Tier I and percent of all students in Grade 3 who meet standard on the STAAR Spring Assessment in Reading will increase from 69% to 84% by the end of school year 2025.

Goal 2: By the end of school year 2025, percent of all students in Grade 6 who meet standard on the STAAR Spring Assessment in Reading will increase from 62% to 70%; and percent of all students in Grade 7 who meet standard on the STAAR Spring Assessment in Writing will increase from 61% to 69%.

Goal 3: Percent of all tested students in STAAR reading and math who meet Postsecondary Readiness standard (‘meets level’) will increase from 38% to 53% (reading) and 35% to 50% (math) by the end of school year 2025. Goal Progress Measure Annual Targets set using 2015-2016 STAAR Percent at Postsecondary Readiness Standard – 38% of students met standard in reading and 35% of students met standard in math.

BOARD OF TRUSTEES

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Mr. Jaime Arredondo
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Dr. Maria Luisa Guerra, Deputy Superintendent of Schools

November 2020

Every student a learner...every learner a graduate...every graduate a success!

Required Annual Notification of Nondiscrimination in Career and Technical Education Programs

Corpus Christi ISD offers career and technical education programs in Agriculture, Food & Natural Resources, Architecture & Construction, Arts, A/V Technology & Communications, Business Management & Administration, Education & Training, Finance, Health Science, Hospitality & Tourism, Human Services, Information Technology Law, Public Safety, Corrections & Security, Manufacturing, Marketing, Science, Technology, Engineering & Mathematics, Transportation, and Distribution & Logistics. Admission to these programs is based on Grade Level. Career and Technical Education programs are open to all students in Grades 7-12.

It is the policy of Corpus Christi ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of Corpus Christi ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

Corpus Christi ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator at Marial.Guerra2@ccisd.us, 361-695-7408, and/or the Senior Director of SPED/Section 504, Jennifer Arismendi or email at 504help@ccisd.us, 361-695-7516.

Notificación Pública de No Discriminación en Programas de Educación Técnica y Vocacional

El Distrito Escolar de Corpus Christi ofrece programas de educación técnica y vocacional en Agricultura, alimentos y recursos naturales, arquitectura y construcción, las artes, A / V tecnología y comunicaciones, gestión empresarial y administración, educación y formación, finanzas, Ciencias de la salud, hospitalidad y turismo, servicios humanos, derecho informático, seguridad pública, correcciones y seguridad, fabricación, Marketing, ciencia, tecnología, ingeniería y matemáticas, transporte, distribución y logística. La admisión a estos programas se basa en grado. Educación Técnica y Vocacional programas están abiertos a todos los estudiantes en grados 7-12.

Es norma del Distrito Escolar de Corpus Christi no discriminar en sus programas, servicios o actividades vocacionales por motivos de raza, color, origen nacional, sexo o impedimento, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; Título IX de las Enmiendas en la Educación de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

Es norma del Distrito Escolar de Corpus Christi no discriminar en sus procedimientos de empleo por motivos de raza, color, origen nacional, sexo, impedimento o edad, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; Título IX de las Enmiendas en la Educación, de 1972, la ley de Discriminación por Edad, de 1975, según enmienda; y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

El Distrito Escolar de Corpus Christi tomará las medidas necesarias para asegurar que la falta de habilidad en el uso del inglés no sea un obstáculo para la admisión y participación en todos los programas educativos y vocacionales.

Para información sobre sus derechos o procedimientos de quejas, comuníquese con el Coordinador del Título IX, el abogado del Distrito, en 801 Leopardo, Corpus Christi, TX. 78403, el número del teléfono 361-695-7427 y o el Senior Director of SPED/ de Sección 504, Jennifer Arismendi or en 504help@ccisd.us, número de teléfono 361-695-7516.

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GENERAL INFORMATION FOR STUDENTS AND PARENTS IN CORPUS CHRISTI INDEPENDENT SCHOOL DISTRICT

This course catalog has been prepared to provide the information that students and parents will need in order to select classes for the 2020-2021 school year. Students and parents may select from a wide range of approved courses in the six (6) high schools of the Corpus Christi Independent School District (District). All high schools offer an academically challenging program with a variety of options to enable students to complete the courses required for graduation. In addition, individual campuses offer a rich program of electives to meet the interests and needs of their students. Roy Miller High School Metropolitan School of Design is a magnet high school focused on creativity, innovation and design. Foy H. Moody High School Science and Health Center is organized into five (5) academies: Pre-Engineering, Mathematics, and Science; Industrial Trades and Technology Management; Arts and Humanities; Business and Professional Management Services; and Health Science. The District program for identified Gifted and Talented (G/T) High School students is located at W.B. Ray High School. International Baccalaureate (IB) curriculum is the framework for the G/T services at W.B. Ray High School. Collegiate High School and Harold T. Branch Academy for Career and Technical Education are early college high school initiatives between the District and Del Mar College (DMC). **Parents and students should contact the Guidance and Counseling staff at each campus for information regarding specific schedules and electives offered at individual campuses.**

Academic Calendar

The District's academic calendar is defined by the first calendar day of instruction and continues until the first calendar day of the next school year, as approved by the Board of Trustees. For purposes of course selection, a student may only enroll in courses published in the District's Catalog of Course Offerings for that particular academic calendar.

Course Selection

The following points are important in selecting courses:

- Future career plans: college, technical/vocational school, armed services
- Special talents or interests: artistic, athletic, dramatic, musical
- High School Graduation Plan requirements (Please note changes in high school graduation plans based on the year students enter Grade 9)
- Results of Career Matchmaker surveys
- Results of PSAT Assessment

The information in this catalog was current at time of printing. Please check the District's web page for updates to the course catalog. Students and parents are responsible for selecting a graduation program plan and choosing courses that satisfy the requirements of that plan. The graduation plan chosen should be compared with the admission requirements of colleges under consideration. Students should contact their counselors as soon as possible regarding their graduation program plan and college admissions. **Parents and students should contact the Guidance and Counseling staff at each campus for information regarding specific schedules and electives offered at individual campuses.**

College Admissions

Students and parents should be aware that because colleges and universities may change their admissions requirements and grade point calculation methodology, updated information should be promptly requested regarding admissions, fees, and deadlines as soon as students identify a particular institution of higher education. Student athletes should also refer to the information regarding the National Collegiate Athletic Association (NCAA) requirements published by the District's Office of Athletics staff.

Rank-in-Class Calculations

An interim rank-in-class standing will be calculated each Fall (September) for Grades 10, 11, and 12 students. In January, an additional interim rank-in-class standing will be calculated for students in Grades 10, 11, and 12. Grade 12 students will have final rank-in-class standings calculated at the end of the Fifth reporting period. In June, an interim rank-in-class standing will be calculated for Grade 11 students. Specific questions regarding rank-in-class standing may be referred to the campus counselors or principal. An "Early College" high school student classified as a sophomore, junior or senior and who transfers to a traditional comprehensive District high school or returns to their home high school is not eligible for the honorary distinction of valedictorian or salutatorian. In addition, the transferring "Early College" student is not eligible for the Texas Education Agency Honor Graduate Certificate and scholarship tuition benefit.

Determining Your G.P.A. and Class Rank



Six Key Changes to Rank Policy: EIC (Local) Students in the Graduating Class of 2020 and Beyond

1. Tier System

The District will utilize a tiered weighting system (add-on value) for the following course types:

Tier V (.40)
AP, IB, and Dual Credit courses

Tier IV (.25)
Pre-AP, MYP, other designated honors courses

Tier III (.05)
Grade-level TEKS

Tier II (0)
Grade-level TEKS accessed through modified curriculum; local credit courses

Tier I (0)
Grade-level TEKS accessed only through prerequisite skills

2. College GPA

District will only calculate a Weighted Rank GPA.

College GPA (UNWEIGHTED) will be eliminated.

3. Highest-Ranking Graduate

The recipient of the state of Texas certificate for highest-ranking graduate is not affected by the local eligibility criteria for valedictorian.

4. Exclusions

Courses excluded from Rank GPA:

1. Distance Learning
2. Correspondence
3. Alternative High School
4. High School courses taken in middle school
5. Pass/Fail assigned grade
6. Credit by exam
7. Credit Recovery
8. Duplicate Courses
9. Courses taken outside the regular school day or school year*

5. Valedictorian and Salutatorian

To be eligible for valedictorian or salutatorian, a student must:

- Have been continuously enrolled in the same District high school for the four semesters immediately preceding graduation;
- Be graduating after exactly eight semesters of enrollment in high school; and
- Have completed the foundation program with the distinguished level of achievement.

6. Calculating Your GPA

Semester course grade multiplied by credit unit* = Quality Points

Sum of Quality Points divided by total credit units = Base GPA

Base GPA + sum of tiered add-on value = Weighted Rank GPA

**Credit unit refers to the credit a course receives, for example a 1 credit course or a .5 credit course.*

Rank Tier System Beginning with the Graduating Class of 2020

CLASS RANK CALCULATION: The District shall include semester grades earned in high school credit courses taken in grades 9-12 only, unless excluded.

The exclusions regarding credit earned outside of the regular school year and for dual credit taken anywhere other than a District high school shall not apply to a student who attends an early college high school as long as the credit satisfies a high school equivalent course needed for graduation.

WEIGHTED GRADE SYSTEM: The District shall assign weights to semester grades earned in eligible courses in accordance with the five-tiered system. For each tiered course, an add-on value will be added to the base rank GPA for each 0.5 credit unit assigned. (Ex: A one-credit course would equal to **two** half-credit units [add-on value would be added **twice**]. A half-credit course would equal to **one** half-credit unit [add-on value would be added **once**].)

Failing grades shall not receive an add-on value weight.

SAMPLE REPORT CARD

Course	Semester 1			Semester 2			Add-On Value		Sum of Quality Points	Sum of Credit Unit	Sum of Add-On Value
	Grade	Credit Unit	Quality Points	Grade	Credit Unit	Quality Points	S1	S2			
English 1 Pre-AP# (Tier IV)	82	.5	41	84	.5	42	.25	.25	83	1	.5
Health (Tier III)	90	.5	45				.05		45	.5	.05
Algebra 1 (Tier III)	76	.5	38	76	.5	38	.05	.05	76	1	0.1
AP Human Geo (Tier V)	90	.5	45	92	.5	46	.40	.40	91	1	0.8
Biology Pre-AP# (Tier IV)	86	.5	43	86	.5	43	.25	.25	86	1	.5
OPEX (Tier II)				95	.5	47.5		0	47.5	.5	0
Totals		2.5	212		2.5	216.5	1	.95	428.5	5	1.95

CALCULATION FORMULA:

- Semester course grade multiplied by credit unit = Quality Points
- Sum of Quality Points divided by total credit units = Base GPA
- Base GPA + sum of tiered add-on value = Weighted Rank GPA

Base GPA - $428.5 / 5 = 85.7$

Weighted Rank GPA - $85.7 + 1.95$ (add-on value) = 87.65

Grade Classification

High school credit is earned based on a final grade average of 70 or above in the course. High school classification requirements shall be as follows:

- Sophomore: A minimum of 5 credits
- Junior: A minimum of 10 credits
- Senior: A minimum of 15 credits

Schedule Changes

Three types of schedule changes are considered:

1. Student initiated requests for schedule changes will be considered according to Board policy EED regulation.
2. Parent initiated requests for teacher of class changes will be considered according to Board Policy EED Regulation.
Administrator initiated schedule changes may occur at any point in the school year and must be within the scope of Board Policy EED Regulation.

UIL requirements specify that for UIL participation, no student can be dropped or transferred from a course with a failing average later than the end of the fourth week of a reporting period without it being considered a failing grade for extracurricular activity eligibility purposes. This applies to administrator-, teacher-, student-, and parent-initiated schedule changes. **Under all circumstances, the final decision regarding schedule changes rests with the campus principal.**

Scheduling Arrangements

District high schools have varied scheduling arrangements. Parents and students should contact the Guidance and Counseling staff at each campus for information regarding specific schedules and course offerings.

Course Load

Students in Grades 9, 10, and 11 must have a school day of at least 420 minutes, including intermissions and recesses. Seniors may be scheduled for fewer than 420 minutes of instruction with the permission of the principal, but should not be scheduled for fewer than 270 minutes. They must be scheduled for five (5) consecutive classes.

Students enrolled in CTE Career Preparation and Practicum courses must be 16 years old and be employed or non-paid part-time in an approved occupation. To receive three (3) units of credit, students must be employed fifteen (15) hours a week. At least ten (10) of the required fifteen (15) hours must be during the school week. Students may be considered eligible for the Career Preparation courses from the date of employment, provided an approved training plan is on file by the fifteen (15) day of the first day of school with the Office of Career and Technical Education (CTE) staff. Training stations include business, industry, and government agencies.

Full-Credit Courses

Most courses in the District are designated as full-credit courses. Separate credit will be awarded on a semester or a half-credit basis for full-credit courses. Counselors may assign partial credits for course work completed by students new to the District. Parents and students should contact the campus Guidance and Counseling staff for specific information. Half-credit courses, such as Health Education or Government will receive a half-credit for successful completion of an eighteen-week course in a traditional schedule.

STATE MANDATED ASSESSMENTS

The **State of Texas Assessment of Academic Readiness (STAAR)** is the criterion-referenced assessment program that has been in place since 2012. STAAR includes the 5 end-of-course (EOC) assessments mandated by SB 1031 in 2007 and the new grade 3-8 assessments mandated by HB 3 in 2009.

To receive a high school diploma from the District, a student must successfully complete the required number of credits and, depending on the year in which the student is scheduled to graduate, pass a statewide exit-level exam.

Beginning with students who enter grade 9 in the 2011-2012 school year, EOC assessments will be administered for the following courses and will replace the exit-level test as mentioned above: English I, English II, Algebra I, Biology, and United States History. Students graduating under the Minimum Program must take EOC assessments only for courses in which they are enrolled and for which there is an EOC assessment. Each student will be required to achieve certain scores on the applicable EOC assessments to graduate, depending on the graduation program in which the student is enrolled. A student who has not achieved sufficient scores on the EOC assessments to graduate will have opportunities to retake the assessments.

ADDITIONAL PROVISIONS FOR EARNING CREDIT

Credit-by-Examination

State law and District Board policies allow students to receive credit for academic subjects through Credit-by-Examination opportunities. Eligible students in Grades 6-12 can receive credit for an academic subject in which the student scores at or above the standard as set forth in Board Policy. Credit-by-Examination opportunities will be administered on three (3) days between January 1 and March 31, April 1 and June 30, July 1 and September 30, and October 1 and December 31. [See Board Policies EHDB and EHDC]

Dual Credit Program

The Dual Credit program is a cooperative partnership between the District and a partner college or university. The Dual Credit program enables high school students to receive college credits while completing the requirements for high school graduation. Students are to secure original College/University Dual Credit Program Application forms as part of the CCISD Dual Credit Admissions Student Packet from the campus' designated Dual Credit Counselor. The Dual Credit application form must be completed and submitted with no strikethroughs or white-outs to the campus' designated Dual Credit Counselor and principal for signature Approval by the stated deadline before enrolling in a Dual Credit course. High school credit will not be awarded for courses requiring multiple Dual Credit courses until all courses have been completed. Students shall not receive course credit if Approval is not granted prior to enrollment. Students who meet specific eligibility requirements are permitted to enroll in those courses specified in this catalog to earn credit toward high school graduation and college credit concurrently. Specific questions regarding Dual Credit courses may be addressed to the campus counselors.

Correspondence Courses

Board Policy EHDC (Local) states:

All high school students shall be eligible to take correspondence courses and earn credit toward graduation. Prior to enrollment in correspondence courses, students shall make a written request to the principal or designee for Approval to enroll in the course. Students shall not be awarded credit toward graduation if Approval was not granted prior to enrollment.

The institution offering the correspondence course must be either the University of Texas at Austin, Texas Tech University, or another institution of higher education approved by the Commissioner of Education. Credit toward state graduation requirements shall be granted for a correspondence course if the course includes the state-required essential knowledge and skills for such a course. Grades earned by correspondence will be omitted when calculating rank-in-class for students in accordance with Board Policy EIC-R (Local). Correspondence course grades for graduating seniors must be submitted 30 days prior to the graduation date unless waived for hardship cases by the Superintendent or designee. Costs associated with correspondence courses are the responsibility of the student.

SPECIAL PROGRAMS

Online Courses

Online courses are limited to the CCISD approved courses as listed in the current Catalog of High School Courses. Online courses may be taken if no teacher is available or for credit recovery. Students who wish to take an online course for credit recovery may participate in the course as specified in District policy. Students enrolling in a course for which there is no CCISD teacher available must participate in the course on the high school campus during the normal hours of the school day. Online courses must be provided by an approved CCISD online course provider. Any online courses taken outside of these parameters will be considered correspondence courses. The Office of Curriculum and Instruction will oversee the delivery of online courses.

Career and Technical Education (CTE)

The Career and Technical Education (CTE) program offers a sequence of courses that leads to a Program of Study. CTE content is aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions. CTE embraces quality instructional partnerships with business and industry to successfully prepare students for the challenges of post-secondary education and globally competitive workplace. CTE is a central component of the high school graduation program which offers various programs that leads to industry-based certifications. Students will select a Program of Study/ endorsement in their 8th Grade year during the 9th Grade pre-registration process.

Pregnancy Related Services

The Pregnancy Related Services Program is designed to serve school-aged parents, both mothers and fathers, who need support to stay in school. Assisting students to achieve academic success, plan a career, and graduate from high school are the program's primary goals. Case managers monitor academic success and coordinate available services from government and community agencies as needed. Child care may be provided at infant care centers located on the following campuses: Carroll, Miller, Moody, Ray high schools, and the Solomon Coles High School and Education Center.

Special Education Program

The special education program provides a continuum of instructional settings designed to meet the individual educational needs of identified students as determined by the Admission, Review and Dismissal (ARD) committee. In addition to the various instructional settings, related services components are available to enhance instruction and support student achievement. Each student's Individual Education Plan (IEP) is determined by a legally binding ARD committee process.

Special Education Plan for High School Graduation

A student receiving special education services may graduate and be awarded a high school diploma if the following steps are met:

§89.1070. Graduation Requirements.

(a) Graduation with a regular high school diploma under subsections (b)(1), (b)(2)(D), (g)(1), (g)(2), (g)(3), or (g)(4)(D) of this section terminates a student's eligibility for special education services under this subchapter and Part B of the Individuals with Disabilities Education Act and entitlement to the benefits of the Foundation School Program, as provided in Texas Education Code (TEC), §42.003(a).

(b) A student entering Grade 9 in the 2014-2015 school year and thereafter who receives special education services may graduate and be awarded a regular high school diploma if the student meets one of the following conditions.

(1) The student has demonstrated mastery of the required state standards (or district standards if greater) in Chapters 110-118, 126-128, and 130 of this title and satisfactorily completed credit requirements for graduation under the Foundation High School Program specified in §74.12 of this title (relating to Foundation High School Program) applicable to students in general education as well as satisfactory performance as established in the TEC, Chapter 39, on the required state assessments, unless the student's admission, review, and dismissal (ARD) committee has determined that satisfactory performance on the required state assessments is not necessary for graduation.

(2) The student has demonstrated mastery of the required state standards (or district standards if greater) in Chapters 110-118, 126-128, and 130 of this title and satisfactorily completed credit requirements for graduation under the Foundation High School Program specified in §74.12 of this title through courses, one or more of which contain modified curriculum that is aligned to the standards applicable to students in general education, as well as satisfactory performance as established in the TEC, Chapter 39, on the required state assessments, unless the student's ARD committee has determined that satisfactory performance on the required state assessments is not necessary for graduation. The student must also successfully complete the student's individualized education program (IEP) and meet one of the following conditions.

(A) Consistent with the IEP, the student has obtained full-time employment, based on the student's abilities and local employment opportunities, in addition to mastering sufficient self-help skills to enable the student to maintain the employment without direct and ongoing educational support of the local school district.

(B) Consistent with the IEP, the student has demonstrated mastery of specific employability skills and self-help skills that do not require direct ongoing educational support of the local school district.

(C) The student has access to services that are not within the legal responsibility of public education or employment or educational options for which the student has been prepared by the academic program.

(D) The student no longer meets age eligibility requirements.

(c) A student receiving special education services may earn an endorsement under §74.13 of this title (relating to Endorsements) if the student:

(1) Satisfactorily completes the requirements for graduation under the Foundation High School Program specified in §74.12 of this title as well as the additional credit requirements in mathematics, science, and elective courses as specified in §74.13(e) of this title with or without modified curriculum;

(2) Satisfactorily completes the courses required for the endorsement under §74.13(f) of this title without any modified curriculum; and

(3) Performs satisfactorily as established in the TEC, Chapter 39, on the required state assessments.

(d) Notwithstanding subsection (c)(3) of this section, a student receiving special education services classified in Grade 11 or 12 during the 2014-2015, 2015-2016, or 2016-2017 school year who has taken each of the state assessments required by Chapter 101, Subchapter CC, of this title (relating to Commissioner's Rules Concerning Implementation of the Academic Content Areas Testing Program) or Subchapter DD of this title (relating to Commissioner's Rules Concerning Substitute Assessments for Graduation) but failed to achieve satisfactory performance on no more than two of the assessments is eligible to receive an endorsement if the student has met the requirements in subsection (c)(1) and (2) of this section.

(e) In order for a student receiving special education services to use a course to satisfy both a requirement under the Foundation High School Program specified in §74.12 of this title and a requirement for an endorsement under §74.13 of this title, the student must satisfactorily complete the course without any modified curriculum.

(f) A student receiving special education services who entered Grade 9 before the 2014-2015 school year may graduate and be awarded a high school diploma under the Foundation High School Program as provided in §74.1021 of this title (relating to Transition to the Foundation High School Program), if the student's ARD committee determines that the student should take courses under that program and the student satisfies the requirements of that program. Subsections (c) and (d) of this section apply to a student transitioning to the Foundation High School Program under this subsection. As the TEC, §28.0258 and §39.025(a-2), modify the state assessment requirements applicable to students in general education, a student receiving special education services who is classified in Grade 11 or 12 during the 2014-2015, 2015-2016, or 2016-2017 school year who has taken each of the state assessments required by Chapter 101, Subchapter CC, of this title (relating to Commissioner's Rules Concerning Implementation of the Academic Content Areas Testing Program) or Subchapter DD of this title (relating to Commissioner's Rules Concerning Substitute Assessments for Graduation) but failed to achieve satisfactory performance on no more than two of the assessments may graduate if the student has satisfied all other applicable graduation requirements.

(g) A student receiving special education services who entered Grade 9 before the 2014-2015 school year may graduate and be awarded a regular high school diploma if the student meets one of the following conditions.

(1) The student has demonstrated mastery of the required state standards (or district standards if greater) in Chapters 110-118, 126-128, and 130 of this title and satisfactorily completed credit requirements for graduation (under the recommended or distinguished achievement high school programs in Chapter 74, Subchapter F, of this title (relating to Graduation Requirements, Beginning with School Year 2007-2008) or Chapter 74, Subchapter G, of this title (relating to Graduation Requirements, Beginning with School Year 2012-2013)), as applicable, including satisfactory performance as established in the TEC, Chapter 39, on the required state assessments.

(2) Notwithstanding paragraph (1) of this subsection, as the TEC, §28.0258 and §39.025(a-2), modify the state assessment requirements applicable to students in general education, a student receiving special education services who is classified in Grade 11 or 12 during the 2014-2015, 2015-2016, or 2016-2017 school year may graduate under the recommended or distinguished achievement high school program, as applicable, if the student has taken each of the state assessments required by Chapter 101, Subchapter CC, of this title (relating to Commissioner's Rules Concerning Implementation of the Academic Content Areas Testing Program) or Subchapter DD of this title (relating to Commissioner's Rules Concerning Substitute Assessments for Graduation) but failed to achieve satisfactory performance on no more than two of the assessments and has met all other applicable graduation requirements in paragraph (1) of this subsection.

(3) The student has demonstrated mastery of the required state standards (or district standards if greater) in Chapters 110-118, 126-128, and 130 of this title and satisfactorily completed credit requirements for graduation (under the minimum high school program in Chapter

74, Subchapter F or G, of this title), as applicable, including participation in required state assessments. The student's ARD committee will determine whether satisfactory performance on the required state assessments is necessary for graduation.

(4) The student has demonstrated mastery of the required state standards (or district standards if greater) in Chapters 110-118, 126-128, and 130 of this title through courses, one or more of which contain modified content that is aligned to the standards required under the minimum high school program in Chapter 74, Subchapter F or G, of this title, as applicable, as well as the satisfactorily completed credit requirements under the minimum high school program, including participation in required state assessments. The student's ARD committee will determine whether satisfactory performance on the required state assessments is necessary for graduation. The student graduating under this subsection must also successfully complete the student's IEP and meet one of the following conditions.

(A) Consistent with the IEP, the student has obtained full-time employment, based on the student's abilities and local employment opportunities, in addition to mastering sufficient self-help skills to enable the student to maintain the employment without direct and ongoing educational support of the local school district.

(B) Consistent with the IEP, the student has demonstrated mastery of specific employability skills and self-help skills that do not require direct ongoing educational support of the local school district.

(C) The student has access to services that are not within the legal responsibility of public education or employment or educational options for which the student has been prepared by the academic program.

(D) The student no longer meets age eligibility requirements.

(h) All students graduating under this section must be provided with a summary of academic achievement and functional performance as described in 34 Code of Federal Regulations (CFR), §300.305(e)(3). This summary must consider, as appropriate, the views of the parent and student and written recommendations from adult service agencies on how to assist the student in meeting postsecondary goals. An evaluation as required by 34 CFR, §300.305(e)(1), must be included as part of the summary for a student graduating under subsections (b)(2)(A), (B), or (C) or (g)(4)(A), (B), or (C) of this section.

(i) Students who participate in graduation ceremonies but who are not graduating under subsections (b)(2)(A), (B), or (C) or (g)(4)(A), (B), or (C) of this section and who will remain in school to complete their education do not have to be evaluated in accordance with subsection (h) of this section.

(j) Employability and self-help skills referenced under subsections (b)(2) and (g)(4) of this section are those skills directly related to the preparation of students for employment, including general skills necessary to obtain or retain employment.

(k) For students who receive a diploma according to subsections (b)(2)(A), (B), or (C) or (g)(4)(A), (B), or (C) of this section, the ARD committee must determine needed educational services upon the request of the student or parent to resume services, as long as the student meets the age eligibility requirements.

(l) For purposes of this section, modified curriculum and modified content refer to any reduction of the amount or complexity of the required knowledge and skills in Chapters 110-118, 126-128, and 130 of this title. Substitutions that are specifically authorized in statute or rule must not be considered modified curriculum or modified content.

English as a Second Language (ESL) Program

English Language Learners (ELLs) are evaluated to determine whether they will benefit from the English as a Second Language (ESL) program, which offers the opportunity to learn, strengthen, or refine English in an effective manner. Placement in ESL classes is by Language Proficiency Assessment Committee (LPAC) recommendation. Written parental Approval is required. Specially trained teachers provide instruction in oral language development, vocabulary building, and reading and writing skills at the student's level of proficiency.

Advanced Academics Program

CCISD offers courses and options for students who excel or show potential to excel academically and intellectually. These courses offer enrichment and acceleration of course content with instructional provisions to challenge the academically able and/or highly motivated student. Comprehensive and rigorous courses emphasize higher-level thinking, problem solving, and research skills. These courses allow students to achieve the following objectives:

- explore and study more intensively the content of various subjects
- take the initiative in learning, surpass the regular curriculum through independent study, research projects, and extensive reading
- interact and compete with others who enjoy challenge and scholarship
- develop skills to be college ready

- earn the additional weight applied to the grade-point average used to determine rank-in-class standing

Students have the following choices to accelerate their learning experiences in the following course offerings:

Honors Courses: Courses that are more academically challenging and prestigious. Honors Courses are designed to challenge students. The course study exceeds the Texas Essential Knowledge and Skills (TEKS) and gives students the tools they need for success in college level course work.

Pre-Advanced Placement (Pre-AP) Courses: Courses designed to prepare students for the challenges of Advanced Placement (AP) courses in high school. The purpose is to strengthen the academic foundation and build readiness for a more rigorous AP course. The course study exceeds the Texas Essential Knowledge and Skills (TEKS) and gives students the tools they need for taking AP courses.

Project Lead the Way Engineering (PLTW) Program: The Innovation Academy for Engineering, Environmental and Marine Science at Foy H. Moody Science and Health Center is a Nationally Certified Secondary engineering program. Students accepted into this academy may take a coherent sequence of rigorous engineering courses that lead to college credit from the colleges and universities that partner with PLTW. All students accepted into this academy must complete the Capstone Engineering project required in Grade 12 and supervised during enrollment of the Engineering Design and Development course. All teachers in the PLTW program are certified after extensive training through the PLTW professional development program.

Advanced Placement (AP) Courses: The AP Program is a collaborative effort among students, teachers, and committed high schools, colleges, and universities. The program allows students to take college-level courses and exams, and to potentially earn college credit or placement while still in high school.

The AP Program consists of courses in a wide variety of subject areas developed by both high school and college faculty under the auspices of the College Board. The courses cover the breadth of information, skills, and assignments found in corresponding college courses.

Gifted and Talented (G/T) Program at W.B. Ray High School: G/T students will participate in Pre-AP/IB courses at W.B. Ray with the International Baccalaureate Middle Years Programme (MYP) providing a thorough interdisciplinary G/T curriculum in Grades 9-10. G/T students in Grades 11-12 at W. B. Ray High School continue with the IB Diploma Programme (DP). A framework of academic challenges encourages students to embrace and understand the connections between traditional subjects and the real world, and become critical and reflective thinkers. Upon receiving the IB Diploma, students have an opportunity to earn a minimum of 24 college credits.

University of Texas OnRamps Program: The UT OnRamps program is a dual enrollment course that allows a student to be dually enrolled in a CCISD high school course and a University of Texas college course at the same time. A UT trained campus teacher and a UT college professor collaborate throughout the school year to ensure that the student satisfies requirements for both courses. If a student passes the UT OnRamps college course, he/she can choose as to whether to accept his/her credit on an official UT college transcript. These courses allow students a chance to experience college work in a safe, and generally risk free environment.

Summer School

Limited course offerings for high school credit are available in summer school. Tuition is charged for summer school courses for acceleration of a course and for out-of-district students.

SPECIAL SCHOOLS AND CAMPUSES

Solomon Coles High School and Education Center

Solomon Coles High School is a Registered Alternative Education Campus as defined by the Texas Education Agency. Coles High School is a school of choice that offers a small learning environment and accelerated instruction. Applicants are considered for acceptance on an individual basis. Students submit applications to their campus counselor or directly to Coles High School. Students must meet state At Risk criteria, and priority is given to the current graduating cohort. Students in Special Education must be approved by the ARD committee. The calculation of class rank shall exclude grades earned while at Solomon M. Coles High School, as per Board Policy.

EARLY COLLEGE HIGH SCHOOLS: Collegiate HS and Harold T. Branch Academy for CTE

Early College High Schools (ECHS) are innovative high schools that allow students least likely to attend college an opportunity to earn a high school diploma, college certification, and/or up to 60 college credit hours through partnership with Del Mar College.

Early College High Schools:

- provide dual credit at no cost to students
- offer rigorous instruction and accelerated courses
- provide academic and social support services to help students succeed
- increase college readiness, and
- reduce barriers to college access.

Collegiate High School is located at Del Mar College East Campus and serves approximately 400 students. Students focus on an Associate's Degree with a liberal arts program (general studies) with emphasis on a selected high school pathway/endorsement.

Harold T. Branch Academy for Career and Technical Education is located across the street from Del Mar College West Campus and serves approximately 300 students. Students focus on a specified career pathway through the college with the option to earn college certification(s) with employability opportunities and/or an Associate's Degree with emphases on a selected high school pathway/endorsement.

Discipline Alternative Education Program

The Student Support Center (SSC) is a Discipline Alternative Education Program (DAEP) for students who have been removed from the regular school setting for infractions of the Student Code of Conduct as defined by Board Policy. The campus provides a seamless approach to continual instruction for all high school students enrolled. Students continue their core curriculum course work through direct instruction, and receive continual instruction for elective courses through a correspondence program with the home campus.

Mary Grett Transition Center

Mary Grett Transition Center provides a post-high school program that prepares students receiving special education services ages 18-21 who have completed all requirements for graduation where the focus is on adult living. Students are recommended to attend Mary Grett Transition Center as determined by their Admission, Review, and Dismissal (ARD) committee. A continuum of vocational programs and community-based instruction is provided in a variety of settings that promote independence and responsibility.

Metropolitan Schools of Design (METRO)

Corpus Christi's Metropolitan Schools of Design (METRO) offers a K-12 continuum that strengthens and expands a student's educational experience through creativity, innovation, and design. METRO is housed at two campuses in CCISD. Metropolitan Elementary School of Design (Metro E) at Wynn Seale houses grades K-6 in a whole school magnet design. Metropolitan Preparatory School of Design at Miller High School houses grades 7-12 in a "school-within-a-school" design. The curriculum focuses on engaging programs of study including Arts and Entertainment Design, Industrial Design, Environmental Design, and Aesthetic Design. Students utilize Project Based Learning (PBL) to analyze real problems and work towards viable solutions using emerging technologies, peer collaboration, and community contacts. Students' interests and special talents work in concert with an engaging and vibrant curriculum to acquire 21st Century skills.

Regional Day School Program for the Deaf (RDSPD)

The Regional Day School Program for the Deaf Cluster sites are located at Webb Elementary, Kaffie Middle School and Veterans High School. The cluster sites serves eligible Deaf and Hard of Hearing students. The program provides quality curriculum and instruction and access to educational services in the least restrictive.

PERSONAL GRADUATION PLAN

The Personal Graduation Plan (78R-Senate Bill 1108) requires a school principal to designate a guidance counselor, teacher, or other appropriate individual to develop and implement a personal graduation plan for each student in middle school or high school who does not perform satisfactorily on an assessment instrument administered under Subchapter B, Chapter 39; or who is not likely to receive a high school diploma before the fifth school year following the student's enrollment in Grade 9. Additionally, each district is required to provide accelerated instruction to a student enrolled in the district who has taken the secondary exit-level assessment instrument and has not performed satisfactorily on each section, or who is at risk of dropping out of school.

ATHLETICS AND EXTRACURRICULAR ACTIVITIES

University Interscholastic League (UIL) Extracurricular Activities Participation

State requirements specify that for participation in all extracurricular activities, including University Interscholastic League (UIL) activities, no student may be dropped or transferred from a course with a failing average later than the end of the fourth week of a reporting period; otherwise, the grade will be considered a failing grade for extracurricular activity eligibility purposes. That requirement applies to administrator-, teacher-, student-, and/or parent-initiated schedule changes.

University Interscholastic League (UIL) Eligibility

UIL participants are eligible to participate in contests during the first six weeks of the school year provided the following standards have been met:

- Students entering Grade 9 and below must have been promoted from a lower grade prior to the beginning of the current school year.
- Students beginning their second year of high school must have earned five (5) credits that count toward State high school graduation requirements.
- Students beginning their third year of high school either must have earned a total of ten (10) credits that count toward State high school graduation credits or a total of five (5) credits, which count toward State high school graduation requirements, that must have been earned during the twelve (12) months preceding the first day of the current school year.
- Students beginning their fourth year of high school either must have earned a total of 15 credits that count toward State high school graduation credits or a total of five credits which count toward State high school graduation requirements must have been earned during the twelve (12) months preceding the first day of the current school year. Exceptions are as follows:
 - a. When a migrant student enrolls for the first time during a school year, all criteria cited above applies. All other students who enroll too late to earn a passing grade for a grading period are ineligible.
 - b. High school students transferring from out-of-state may be eligible the first six weeks of school if they meet the criteria cited above or school officials are able to determine that they would have been eligible if they had remained in the out- of-state school from which they are transferring.

Students who are not in compliance with the provisions may request a hardship appeal of their academic eligibility through the UIL state office.

National Collegiate Athletic Association (NCAA) Eligibility

In order to practice and play sports as a college freshman at an NCAA Division I or Division II College, the student-athlete must satisfy the requirements of NCAA. Student-athletes must have eligibility for practice and competition in the freshman year of college certified by the NCAA Initial-Eligibility Clearinghouse. Please contact the Office of Athletics staff, or the latest NCAA eligibility requirements for student-athletes.

Additional Contact Information:

For additional information regarding course descriptions, please contact the principal or a counselor in the Guidance and Counseling office at each high school campus.

For specific information regarding subject-area courses or programs, please contact the following offices:

Advanced Academics - Office of Advanced Academics, 695-7221

Athletics - Office of Athletics, 695-7650

Career and Technical Education Courses - Office of Innovative Programs, 695-7470

Curriculum and Instruction - Office of Curriculum and Instruction, 695-7408

Fine Arts - Office of Curriculum and Instruction, 695-7519

Guidance & Counseling - Office of Instructional Support, 878-2680, extension 44825

Physical Education Courses - Office of Curriculum and Instruction, 695-7518

Special Education Courses - Office of Special Education, 878-2684

Technology Application Courses - Office of Instructional Technology, 878-3900, Press Option 5

TEXAS HOUSE BILL 5

STATE GRADUATION REQUIREMENTS

(Applies to students entering Grade 9 in 2014-2015 and thereafter)

HOUSE BILL 5 REQUIREMENTS:

Beginning in the 2014-2015 school year, a school district must ensure that each student, on entering ninth grade, indicates in writing an endorsement that the student intends to earn.

A district must permit a student to choose, at any time, to earn an endorsement other than the endorsement the student previously indicated.

A student may graduate under the foundation high school program without earning an endorsement if, after the student's sophomore year:

- (1) the student and the student's parent or person standing in parental relation are advised by a school counselor of the specific benefits of graduating from high school with one or more endorsements; and
- (2) the student's parent or person standing in parental relation files with a school counselor written permission, on a form adopted by the agency, allowing the student to graduate under the foundation high school program without earning an endorsement

FOUNDATION GRADUATION PLAN PLUS ENDORSEMENTS:

A student may earn an endorsement by successfully completing:

English Language Arts: Four credits

- English I
- English II
- English III
- Advanced English Course

Mathematics: Four credits

- Algebra I
- Geometry
- Two Advanced Mathematics Courses

Science: Four credits

- Biology
- Three Advanced Science Courses

Social Studies: Three credits

- World Geography or World History
- U.S. History
- U.S. Government (one-half credit)
- Economics (one-half credit)

World Language: Two credits*

- Two credits in the same language
- Two credits in Computer Science

Physical Education: One credit

Fine Arts: One credit

Electives: Seven credits

*If a student, in completing the first credit of LOTE, demonstrates that the student is unlikely to be able to complete the second credit, the student may substitute another appropriate course as follows:

- Special Topics in Language and Culture
- World History Studies or World Geography Studies for a student who is not required to complete both by the local district
- Computer programming languages
- A different language course

A student, who due to a disability, is unable to complete two credits in the same language in LOTE, may substitute:

- a combination of two credits from English language arts, mathematics, science, or social studies
- two credits in career and technical education or technology applications

The determination regarding a student's ability to complete the LOTE credit requirements will be made by:

- the student's ARD committee if the student receives special education services under the TEC, Chapter 29, Subchapter A or
- the committee established for the student under Section 504, Rehabilitation Act of 1973 (29 United States Code (USC), §794)
- the teacher of the first LOTE credit or another LOTE teacher designated by the school district, the principal or designee, and the student's parent or person standing in parental relation

Endorsements – Statutory Requirements

- Each school district must make available to high school students courses that allow a student to complete the curriculum requirements for at least one endorsement.
- A school district that offers only one endorsement curriculum must offer the multidisciplinary studies endorsement curriculum.
- A school district defines advanced courses and determines a coherent sequence of courses for an endorsement area, provided that prerequisites are followed.
- A course completed as part of the set of four courses needed to satisfy an endorsement requirement may also satisfy a requirement under the foundation high school program, including an elective requirement.

Endorsement Options:

A student may earn an endorsement by successfully completing:

- curriculum requirements for the endorsement
- four credits in mathematics
- four credits in science
- two additional elective credits

To earn a Career and Technical Education (CTE) Programs of Study (endorsement), students complete a coherent sequence of **four** credits in an area of interest within one of the five endorsement groupings that consists of at least two courses in the same career cluster and at least one advanced CTE course.

***A coherent sequence approved by Campus/District Administrator**

Arts and Humanities

- English
- World Languages
- Fine Arts (Arts, Dance, Music, Theatre)
- Social Studies

Business and Industry

Career and Technical Education:

- Agriculture, Food and Natural Resources
- Architecture and Constructions
- Arts, Audio-Visual Communications
- Business Management and Administration
- Energy
- Hospitality and Tourism
- Manufacturing

English:

- Advanced Journalism: Newspaper
- Advanced Journalism: Yearbook
- Debate

Technology Applications

- Four credits from Technology Applications courses

Public Services

Career and Technical Education:

- Education and Training
- Health Science
- Human Services
- NJROTC

Science, Technology, Engineering and Math (STEM)

- Computer Science
- Engineering
- Science
- Technology
- Advanced Mathematics

Multidisciplinary Studies

A student may earn a multidisciplinary studies endorsement by completing foundation and general endorsement requirements and one of the following:

- 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
- b) four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics
- c) four credits in advanced placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts

DISTINGUISHED LEVEL OF ACHIEVEMENT

A student may earn a distinguished level of achievement by successfully completing:

- a total of four credits in mathematics, which must include Algebra II
- a total of four credits in science
- the remaining curriculum requirements
- the curriculum requirements for at least one endorsement

A student must earn distinguished level of achievement to be eligible for top 10% automatic admission.

PERFORMANCE ACKNOWLEDGMENTS

A student may earn a performance acknowledgment for any of the following:

1. Outstanding performance
 - in a dual credit course
 - in bilingualism and bi-literacy
 - on an AP test or IB exam
 - on the PSAT, the ACT-Plan, the SAT, or the ACT
2. Earning a nationally or internationally recognized business or industry certification or license

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

1. at least 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
2. an associate degree while in high school.

Bilingualism and Bi-literacy

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

1. 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
2. satisfying one of the following:
 - 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
 - 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
 - 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
 - demonstrated proficiency in one or more languages other than English through one of the following methods:
 - a score of 3 or higher on a College Board AP exam for a language other than English; or
 - a score of 4 or higher on an IB exam for a higher-level languages other than English course; or
 - performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent

In addition to meeting the requirements to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have:

1. participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and
2. scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

AP Test or IB Exam

A 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

1. a score of 3 or above on a College Board advanced placement examination, or
2. a score of 4 or above on an International Baccalaureate examination.

PSAT, the ACT-Plan, the SAT, or the ACT

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

1. 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
2. achieving the college readiness benchmark score on at least two of the four subject tests on the ACT-PLAN® examination
3. earning a total score of at least 1310 on the SAT®; or
4. earning a composite score on the ACT® examination of 28 (excluding the writing sub-score)

Earning a Nationally or Internationally Recognized Business or Industry Certification or License

A student may earn a performance acknowledgment on the student's transcript for earning a state-recognized or nationally or internationally recognized business or industry certification or license as follows.

(1) A student may earn a performance acknowledgment with:

(A) performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; or

(B) performance on an examination sufficient to obtain a government-required credential to practice a profession.

(2) 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) a national or international business, industry, or professional organization;

(B) a state agency or other government entity; or

(C) a state-based industry association.

(3) Certifications or licensures for performance acknowledgements shall:

(A) be age appropriate for high school students;

(B) represent a student's substantial course of study and/or end-of-program knowledge and skills;

(C) include an industry-recognized examination or series of examinations, an industry-validated skill test, or demonstrated proficiency through documented, supervised field experience; and

(D) represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation.

COURSE DESCRIPTION INFORMATION

All course descriptions are listed by subject area, District course number, subject title, state PEIMS number, grade level, credit to be earned, prerequisite, and information regarding course content. Please check your campus course planning sheet for courses offered on your campus. For most courses, a minimum enrollment of fifteen (15) students is required.

Course Availability: Courses listed in this catalog may not be offered at all high schools due to campus facilities and appropriately certified staff available.

Course Number: The District number used for computer scheduling and grading.

Course/Subject Title: The name of the course/subject offered by the District.

PEIMS Number: The state-assigned number for a designated course ().

Grade Level: Approved grade level(s) for students to enroll in the course.

Credit: The amount of credit to be earned by completing the designated course; e.g., 0.5, 1.0, 2.0 unless otherwise noted, all courses are full-year courses (not divided by semesters). Students who already have partial credit in a course will be provided with the opportunity to complete the course and to earn the full credit(s).

Prerequisite: The prior course(s) and/or entry criteria required for enrolling in the course.

Course Description: A short summary of the course content.

Number of Periods: Unless otherwise noted, courses meet for one period a day. Some career preparation courses require more than one period.

Campus Choice Sheets: Specific course offerings are listed on the campus choice sheets and/or course planner in Career Cruising. Students may contact the campus counselors if there are questions.

ENGLISH

Students are expected to take English courses in sequential order. The student who fails a course should plan to repeat the failed course (in summer school or through scheduling alternatives.)

Students must earn credits in English I, English II, and English III. The fourth credit may be chosen from a list of approved courses. *The following courses may not be offered at every CCISD campus.*

Fourth English Language Arts Credit Courses

- English IV
- Advanced Journalism: Newspaper III
- Advanced Journalism: Yearbook III
- Advanced Broadcast Journalism III
- AP English Literature and Composition
- College Prep ELA [pursuant to TEC 28.014]
- Communication Applications
- Creative Writing
- Oral Interpretation III
- Literary Genres
- Debate III
- IB Language Studies Higher Level (HL)
- Independent Study in English
- Independent Study in Journalism
- Independent Study in Speech
- Public Speaking III
- Humanities Research
- Technical Writing

Placement in English for Speakers of Other Languages (ESOL) courses is determined by the Language Proficiency Assessment Committee (LPAC).

While in the English as a Second Language (ESL) Program, students may enroll in an English course appropriate to their demonstrated performance if taught by an ESL-endorsed teacher.

LEP/Immigrant Students

LEP and Immigrant students enrolled in English I for Speakers of Other Languages (E18) and English for Speakers of Other Languages (E26) will earn state English language arts high school graduation credit.

LEP/Non-Immigrant Students

LEP and Non-immigrant students enrolled in English I for Speakers of Other Languages (E18) and English II for Speakers of Other Languages (E26) will receive state high school elective credit for graduation.

E16 ENGLISH I- Tier III
TSDS PEIMS Code: 03220100
Grade Level: 9-12
Credit: 1
Prerequisite: None

Students enrolled in English I will focus on the language arts and reading Texas Essential Knowledge and Skills (TEKS), which embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

E16INC ENGLISH I INC - Tier III
TSDS PEIMS Code: 03220100
Grade Level: 9-12
Credit: 1
Prerequisite: Committee Approval

E16.SBI ENGLISH I SBI -Tier II
TSDS PEIMS Code: 03220100
Grade Level: 9-12
Credit: 1
Prerequisite: Committee Approval

EN3 ENGLISH I LT - Tier I
TSDS PEIMS Code: 03220107
Grade Level: 9-12
Credit: 1
Prerequisite: Committee Approval

E46 ENGLISH I PRE-AP # - Tier IV
TSDS PEIMS Code: 03220100
Grade Level: 9-12
Credit: 1
Prerequisite: None

Pre-AP English I focuses on the close reading, analytical writing, and language skills that have immediate relevance for students and that will be most essential for their future coursework. Texts take center stage in the Pre-AP English I classroom, where students engage in close, critical reading of a wide range of literary and nonfiction works. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing to facilitate complex thinking and to communicate ideas clearly.

E22 ENGLISH II - Tier III
TSDS PEIMS Code: 03220200
Grade Level: 10-12
Credit: 1
Recommended Prerequisite: English I

Students enrolled in English II will focus on the English language arts and reading Texas Essential Knowledge and Skills (TEKS), which embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

E22INC ENGLISH II INC - Tier III
TSDS PEIMS Code: 03220200
Grade Level: 10-12
Credit: 1
Recommended Prerequisite: English I; Committee Approval

E22.SBI ENGLISH II SBI - Tier II
TSDS PEIMS Code: 03220200
Grade Level: 10-12
Credit: 1
Prerequisite: English I; Committee Approval

EN6 ENGLISH II LT - Tier I
TSDS PEIMS Code: 003220207
Grade Level: 10-12
Credit: 1
Prerequisite: Committee Approval

E24 ENGLISH II PRE-AP # - Tier IV
TSDS PEIMS Code: 03220200
Grade Level: 10-12
Credit: 1
Recommended Prerequisite: English I

English II spotlights the recursive moves that matter in preparing students for the rigors of college-level reading and writing. While English I introduces the foundational routines of close observation, critical analysis, and appreciation of author's craft, English II requires students to apply those same practices to a new host of complex texts—the types of texts they will soon encounter in AP English courses, college classes, and on the SAT. As readers, students develop a vigilant awareness of how the poet, playwright, novelist, and writer of nonfiction alike can masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced essays without losing sight of the importance of well-crafted sentences and a sense of cohesion.

E30 ENGLISH III - Tier III

TSDS PEIMS Code: 03220300

Grade Level: 11-12

Credit: 1

Recommended Prerequisite: English II

Students enrolled in English III will focus on the English language arts and reading Texas Essential Knowledge and Skills (TEKS), which embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

E30INC ENGLISH III INC - Tier III

TSDS PEIMS Code: 03220300

Grade Level: 11-12

Credit: 1

Recommended Prerequisite: English II; Committee Approval

E30.SBI ENGLISH III SBI - Tier II

TSDS PEIMS Code: 03220300

Grade Level: 11-12

Credit: 1

Recommended Prerequisite: English II; Committee Approval

E30.LS ENGLISH III LT - Tier I

TSDS PEIMS Code: 03220300

Grade Level: 11-12

Credit: 1

Prerequisite: Committee Approval

E32 ENGLISH III: LANGUAGE AND COMPOSITION AP # - Tier V

TSDS PEIMS Code: A3220100

Grade Level: 11-12

Credit: 1

Recommended Prerequisite: English II

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods. The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum. Prerequisites There are no prerequisite courses for AP English Language and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

E38 ENGLISH IV - Tier III

TSDS PEIMS Code: 03220400

Grade Level: 12

Credit: 1

Recommended Prerequisite: English III

Students enrolled in English IV will focus on the English language arts and reading Texas Essential Knowledge and Skills (TEKS), which embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

E38INC English IV INC – Tier III

TSDS PEIMS Code: 03220400

Grade Level: 12

Credit: 1

Prerequisite: English III; Committee Approval

E38.LS English IV LS – Tier I

TSDS PEIMS Code: 03220400

Grade Level: 12

Credit: 1

Prerequisite: Committee Approval

E38.SBI ENGLISH IV SBI - Tier II

TSDS PEIMS Code: 03220400

Grade Level: 12

Credit: 1

Prerequisite: English III; Committee Approval

E40 ENGLISH IV: LITERATURE AND COMPOSITION AP# - Tier V

TSDS PEIMS Code: A3220200

Grade Level: 12

Credit: 1

Recommended Prerequisite: English III

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. The AP English Literature and Composition course aligns to an introductory college-level literature and writing curriculum. Prerequisites There are no prerequisite courses for AP English Literature and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

E97A ENGLISH IV DUAL CREDIT # - Tier V

TSDS PEIMS Code: 03220400

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 0.5

Del Mar College Course Titles:

ENGL 1301. Composition I – 3 hours

Prerequisite: English III

Provides opportunities for the capable and/or highly motivated student. Emphasizes critical thinking and sophisticated writing skills. Focuses on in-depth reading and analysis of literature. Includes research and writing as major activities.

E97B ENGLISH IV DUAL CREDIT # - Tier V

TSDS PEIMS Code: 03220400

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 0.5

Del Mar College Course Titles:

ENGL 1302. Composition II – 3 hours

Prerequisite: English IV Dual Credit A (ENGL 1301)

Provides opportunities for the capable and/or highly motivated student. Emphasizes critical thinking and sophisticated writing skills. Focuses on in-depth reading and analysis of literature. Includes research and writing as major activities.

E18 ENGLISH I FOR SPEAKERS OF OTHER LANGUAGES - Tier III

TSDS PEIMS Code: 03200600

Grade Levels: 9-12

Credit: 1

Prerequisite: Assignment by LPAC

Specially designed for beginning, monolingual, limited English-proficient (LEP) students who have been identified as having few or no English skills. Assists the LEP student in acquiring beginning vocabulary and comprehension in English. Includes extensive listening and oral practice, and instruction in reading and writing the English language.

E26 ENGLISH II FOR SPEAKERS OF OTHER LANGUAGES - Tier III

TSDS PEIMS Code: 03200700

Grade Levels: 10-12

Credit: 1

Prerequisite: Assignment by LPAC

Specially designed for the intermediate limited English-proficient (LEP) students who have some English oral proficiency, but few or no English reading and writing skills. Assists the LEP student in acquiring vocabulary and comprehension in English. Provides listening and oral practice with emphasis on reading and writing skills.

E27 ENGLISH LANGUAGE DEVELOPEMNET AND ACQUISTION (ELDA) 1 – Tier III

TSDS PEIMS Code: 03200800

Grade Levels: 9-12

Credit: Elective 1

Prerequisite: Course must be taken concurrently with corequisite language arts and reading course
Provides instructional opportunities for recent immigrant students with little or no English proficiency. Course must be taken concurrently with corequisite language arts and reading course. Students may take this course with a different corequisite for maximum of two credits. The recommended corequisites are ESOL I and ESOL II, though the course may be paired with other state-approved English language arts and reading course. Placement is based on LPAC recommendation.

E28 ENGLISH LANGUAGE DEVELOPEMNET AND ACQUISTION (ELDA) 2- Tier III

TSDS PEIMS Code: 03200810

Grade Levels: 9-12

Credit: Elective 1

Prerequisite: Course must be taken concurrently with corequisite language arts and reading course
Provides instructional opportunities for recent immigrant students with little or no English proficiency. Course must be taken concurrently with corequisite language arts and reading course. Students may take this course with a different corequisite for maximum of two credits. The recommended corequisites are ESOL I and ESOL II, though the course may be paired with other state-approved English language arts and reading course. Placement is based on LPAC recommendation.

E97A.DOR English Language Arts DUAL Enrollment UT ONRAMPS # -Tier V

TSDS PEIMS Code: 03340400

Grade Levels: Meets CCISD Dual Enrollment requirement at campus level

Credit: 0.5

OnRamps Course Titles: Research and Writing

ENGL 1301. English

3 hours

Prerequisite: ENGL 1 and 2

Recommended Prerequisite: Passing score on English I and English II STAAR

E97B.DOR English Language Arts DUAL Enrollment UT ONRAMPS # - Tier V

TSDS PEIMS Code: 03340400

Grade Levels: Meets CCISD Dual Enrollment requirement at campus level

Credit: 0.5

OnRamps Course Titles: Reading and Writing the Rhetoric American Identity

ENGL 1302. English

3 hours

Prerequisite: ENGL 1 and 2

Recommended Prerequisite: Passing score on English I and English II STAAR

Provides opportunities for the capable and/or highly motivated student. Emphasizes critical thinking and sophisticated writing skills. Focuses on in-depth reading and analysis of literature. Includes research and writing as major activities.

E36 CREATIVE WRITING I - Tier III

TSDS PEIMS Code: 03221200

Grade Levels: 10-12

Credit: 0.5

Prerequisite: None

Develops and enhances creative ability through the writing of poems, short stories, one-act plays, and personal essays.

E37 CREATIVE WRITING II - Tier III

TSDS PEIMS Code: 03221200

Grade Levels: 11-12

Credit: 0.5

Prerequisite: Creative Writing I

Incorporates the use of critical thinking skills to analyze the works of famous writers and those of their peers through exploration of writing techniques.

E35 HUMANITIES First Time Taken -Tier III

TSDS PEIMS Code: 03221600

Grade Level: 12

Credit: 1

Recommended Prerequisite: English III

Surveys the interrelationship of art, architecture, religion, music, literature, and other creative activities in the cultural development of human society. Includes the use of research activities, comparative analysis techniques, and critical thinking skills in individual and class projects.

EM3 HUMANITIES DUAL CREDIT First Time Taken # - Tier V

TSDS PEIMS Code: 03221600

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 1

Del Mar College Course Title:

HUMA 1301. Intro to the Humanities - 3 hours

Provides opportunities for the capable and/or highly motivated student. Surveys the interrelationship of art, architecture, religion, music, literature, and other creative activities in the cultural development of human society. Includes the use of research activities, comparative analysis techniques, and critical thinking skills in individual and class projects. **May be substituted for Humanities credit.**

XE1 INDEPENDENT STUDY IN ENGLISH: LITERATURE AND COMPOSITION # - Tier V

TSDS PEIMS Code: 03221800 (First Time Taken)

Grade Levels: 9-12

Credit: 0.5

Recommended Prerequisite: Concurrent enrollment in any level English course

XE2 INDEPENDENT STUDY IN ENGLISH # - Tier V

TSDS PEIMS Code: 03221810 (Second Time Taken)

Grade Levels: 9-12

Credit: 0.5

Recommended Prerequisite: Concurrent enrollment in any level English course

XE3 INDEPENDENT STUDY IN ENGLISH # - Tier V

TSDS PEIMS Code: 03221820 (Third Time Taken)

Grade Levels: 9-12

Credit: 0.5

Recommended Prerequisite: Concurrent enrollment in any level English course

Provides an avenue by which students gifted in language arts may earn credit through independent research and in-depth study of self-selected topics.

E99 VISUAL MEDIA ANALYSIS AND PRODUCTION – Tier III

TSDS PEIMS Code: 03221700

Grade Levels: 10-12

Credit: 0.5

Prerequisite: None

Presents film as an art, which requires students to engage in the analysis of interpretation and perception while using traditional techniques to judge cinematography concepts. Students will receive an elective credit for this course.

E39 RESEARCH AND TECHNICAL WRITING - Tier III

TSDS PEIMS Code: 03221100

Grade Levels: 10-12

Credit: 0.5

Recommended Prerequisite: English I

Focuses on research and incorporates data in technical proposals and communiqués. Provides a real-life experience approach to writing to communicate.

E44 LITERARY GENRES - Tier III

TSDS PEIMS Code: 03221500

Grade Levels: 10-12

Credit: 0.5

E45 LITERARY GENRES - Tier III

TSDS PEIMS Code: 03221500

Grade Levels: 10-12

Credit: 1

Recommended Prerequisite: English II or concurrent enrollment in English II

Study of the various literary genres including satire, mystery, and romance. Focuses on literary analyses using higher-order thinking skills. Curriculum consists of specially designed instruction for students based on grade level TEKS. This course offers instruction linking to grade level TEKS through prerequisite skills.

E91 PRACTICAL WRITING SKILLS - Tier III

TSDS PEIMS Code: 03221300

Grade Levels: 10-12

Credit: 0.5

Prerequisite: English I

Students develop skills necessary for composing business letters, job applications, résumés, and requests for information. Emphasizes the use and mechanics of English, the application of grammar, the use of vocabulary, and the nature of the writing process.

EC1 COLLEGE PREPARATORY COURSE ENGLISH LANGUAGE ARTS - Tier III

TSDS PEIMS Code: CP110100

Grade Level: 12

Credit: 1

Prerequisite: English III and met Standard for English I and II STAAR End of Course

Courses designed for students at the 12th grade level whose performance on an EOC assessment instrument does not meet college readiness standards or whose performance on coursework, a college entrance examination, or an assessment instrument indicates that the student is not ready to perform entry-level college coursework. **College preparatory courses are eligible for state credit on the Foundation High School Program.** Successful completion of the course(s) will allow your student to receive a Texas Success Initiative (TSI) exemption, which means college developmental education courses will not be required if a student enrolls in a Region 1 or Region 2 (Coastal Bend) higher education institution within 24 months from the day of graduation.

J20 JOURNALISM - Tier III

TSDS PEIMS CODE: 03230100

Grade Levels: 9-12

Credit: 1

Introduces the principles and practices of journalism. Includes gathering information, developing interviewing skills, and writing news stories, features, and editorials. Involves the study of newsworthiness, investigative and interpretive reporting, editing skills, journalistic style, techniques of writing headlines and captions, freedom and responsibility of the press, and principles and ethics of journalism. Introduces basic newspaper design and layout

J22 ADVANCED JOURNALISM: YEARBOOK II - Tier III

TSDS PEIMS CODE: 03230120

Grade Levels: 9-12

Credit: 1

Studies and applies the elements and processes necessary to produce the school yearbook. Develops skills in news judgment, information gathering, photography, headline and caption writing, graphic design and layout, proofreading, editing, and advertising. Requires considerable time outside school hours.

J41 ADVANCED JOURNALISM: YEARBOOK III - Tier III

TSDS PEIMS CODE: 03230130

Grade Levels: 11-12

Credit: 1

Prerequisite: Advanced Journalism: Yearbook II **or** successful completion of previous English course **and** teacher Approval

Provides opportunities for the student to develop higher levels of decision-making and critical thinking skills with regard to journalism productions. Intensifies academic study of contemporary media through leadership roles in student publication of the yearbook. Challenges the student to research, analyze, interpret, and report in a multidisciplinary field. Incorporates business management concepts, including record keeping and projections. Requires considerable time outside school hours.

J24 ADVANCED JOURNALISM: NEWSPAPER II - Tier III

TSDS PEIMS CODE: 03230150

Grade Levels: 9-12

Credit: 1

Applies newspaper production skills and offers additional practice in determining news coverage and editorial policy; and in selecting, cropping, and scaling of photographs. Requires considerable time outside school hours.

J43 ADVANCED JOURNALISM: NEWSPAPER III - Tier III

TSDS PEIMS CODE: 03230160

Grade Levels: 11-12

Credit: 1

Prerequisite: Advanced Journalism: Newspaper II **or** successful completion of previous English course **and** teacher Approval

Provides opportunities for the student to develop higher levels of decision-making and critical thinking skills with regard to journalism productions. Intensifies academic study of contemporary media through leadership roles in the production of the school newspaper. Challenges the student to research, analyze, interpret, and report in a multidisciplinary field. Incorporates business management concepts, including record keeping and projections. Requires considerable time outside school hours.

J37 JOURNALISM: INDEPENDENT STUDY (1st time taken) # - Tier V

TSDS PEIMS CODE: 03231000

Grade Levels: 10-12

Credit: 1

J37A JOURNALISM: INDEPENDENT STUDY (1st time taken) # - Tier V

TSDS PEIMS CODE: 03231000

Grade Levels: 10-12

Credit: 0.5

J40 JOURNALISM: INDEPENDENT STUDY (2nd time taken) # - Tier V

TSDS PEIMS CODE: 03231011

Grade Levels: 10-12

Credit: 0.5

Prerequisite: Teacher Approval

Includes activities individually designed for students whose level of achievement in journalism allows them to pursue work individually or in small groups, with the teacher serving as adviser and resource person. Emphasizes research, print, and/or extended development of a skill or a specific area of study mutually agreed upon by student and teacher. Students may earn a maximum of one (1) credit in Journalism: Independent Study.

J28 PHOTO JOURNALISM - Tier III

TSDS PEIMS CODE: 03230800

Grade Levels: 9-12

Credit: 1

Introduces and applies photographic skills for news purposes. Develops competency in taking, developing, and printing news photographs for use in school publications. Requires considerable time outside school hours.

J28A PHOTO JOURNALISM A - Tier III

TSDS PEIMS CODE: 03230800

Grade Levels: 9-12

Credit: 0.5

J35 ADVANCED BROADCAST JOURNALISM I - Tier III

TSDS PEIMS CODE: 03231900

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Provides an overview of concepts and skills related to radio and television, including telecommunications. Describes the differences between print and broadcasting media. Provides a foundation in techniques and skills to prepare the student for more advanced study.

J34 ADVANCED BROADCAST JOURNALISM II - Tier III

TSDS PEIMS CODE: 03231901

Grade Levels: 10-12

Credit: 1

Prerequisite: Advanced Broadcast Journalism 1

Analyzes the technology, ethical standards, and production methods of broadcast journalism. Develops concepts and skills necessary to succeed in broadcast journalism in a lab setting.

LOCAL CREDIT COURSES

The following courses do not count toward the language arts credits required for graduation. Credit in X98 will count as local credit only.

X98 SAT/ACT PREP LANGUAGE ARTS- Tier II

TSDS PEIMS Code: 84000SAT

Grade Levels: 10-12

Credit: 0.5

Prerequisite: None

Using Princeton Review materials this course is specially designed class to help students gain the knowledge and skills needed to score well on the SAT/ACT College admissions tests.

FINE ARTS

ART

Students may enroll concurrently in more than one (1) art course after the successful completion of Art I.

A20 ART I - Tier III

TSDS PEIMS Code: 03500100

Grade Levels: 9-12

Credit: 1

A20.LS ART I LS - Tier I

TSDS PEIMS Code: 03500100

Grade Levels: 9-12

Prerequisite: Committee Approval

Provides foundation for all other art courses. Increases visual memory by making drawings and notes in sketchbooks; provides opportunities in two- and three-dimensional processes including drawing, painting, print-making, ceramics, sculpture, and electronic media. Provides a broad overview of significant artists, styles, and periods in art. Cultivates critical analysis by discussing and writing about artworks of self and others, compares criteria for evaluation of traditional and contemporary styles, and emphasizes collaboration to select and collect works for a portfolio and student exhibits. Curriculum consists of specially designed instruction for students based on grade level TEKS. This course offers instruction linking to grade level TEKS through prerequisite skills.

A21 ART II, DRAWING I - Tier III

TSDS PEIMS Code: 03500500

Grade Levels: 9-12

Credit: 1

Prerequisite: Art I

A21.LS ART II, DRAWING I LS - Tier I

TSDS PEIMS Code: 03500500

Grade Levels: 9-12

Prerequisite: Committee Approval

Develops skills in the processes of observing, analyzing, and interpreting visual references. Uses sketchbooks and journals to create exploratory studies and to process ideas; uses purposeful decision making to manipulate design concepts; and uses a variety of drawing media. Studies structures in anatomy, and organic and mechanical systems. Studies the impact of significant artists. Discusses and writes about artworks of self and others. Compares criteria for evaluation of traditional and contemporary styles. Emphasizes collaboration, and uses specific criteria to select and collect works for a portfolio and student exhibits.

A65 ART III, DRAWING II - Tier III

TSDS PEIMS Code: 03501300

Grade Levels: 10-12

Credit: 1

Prerequisite: Art II Drawing I

Provides an opportunity to choose from a wide variety of drawing media, techniques, and subject matter, both traditional and contemporary. Develops an individual style in a series of five (5) or more artworks based on a specific concept. Emphasizes the use of technical skill to create quality artworks. Uses sketchbooks and/or journals for independent study of complex problems. Engages students in critical thinking and self-reflection by making connections between intent, purpose, and function of an artwork. Uses print making, photography, and/or electronic media as extensions of the traditional drawing media. Requires a small, independent exhibition of artwork and preparation of a professional portfolio.

A29 ART IV, DRAWING III - Tier III

TSDS PEIMS Code: 03502300

Grade Levels: 11-12

Credit: 1

Prerequisite: Art III Drawing II

This course expands on the skills learned in the previous courses and allows students to express creativity and innovations in their work.

A22 ART II, PAINTING I - Tier III

TSDS PEIMS Code: 03500600

Grade Levels: 9-12

Credit: 1

Prerequisite: Art I

A22.LS ART II, PAINTING I LS - Tier I

TSDS PEIMS Code: 03500600

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

Uses a variety of painting media to create still-life's, landscapes, and conceptual paintings; uses sketchbooks and journals to create exploratory studies and to process ideas; and uses purposeful decision making to manipulate design concepts. Studies the impact of significant painters. Discusses and writes about artworks of self and others. Cultivates critical analysis by discussing and writing about artworks, compares criteria for evaluation of traditional and contemporary styles, emphasizes collaboration, and uses specific criteria to select and collect works for a portfolio and student exhibits.

A63 ART III, PAINTING II Tier III
TSDS PEIMS Code: 03501400
Grade Levels: 10-12
Credit: 1
Prerequisite: Art II, Painting I

Provides an opportunity to choose from a wide variety of painting media, techniques, and subject matter, both traditional and contemporary. Develops an individual style in a series of five (5) or more artworks based on a specific concept. Emphasizes the use of technical skill to create quality artworks. Uses sketchbooks and/or journals for independent study of complex problems. Engages students in critical thinking and self-reflection by making connections between intent, purpose, and function of an artwork. Requires a small, independent exhibition of artwork and preparation of a professional portfolio

A31 ART IV, PAINTING III - Tier III
TSDS PEIMS Code: 03502400
Grade Levels: 11-12
Credit: 1
Prerequisite: Art III Painting II

This course expands on the skills learned in the previous courses and allows students to express creativity and innovation in their work.

A23 ART II, PRINTMAKING I - Tier III
TSDS PEIMS Code: 03500700
Grade Levels: 9-12
Credit: 1
Prerequisite: Art I

A23.LS ART II, PRINTMAKING I LS - Tier I
TSDS PEIMS Code: 03500700
Grade Levels: 9-12
Credit: 1
Prerequisite: Committee Approval

Develops skills in a variety of printmaking media: relief, intaglio, lithography, and serigraphy; uses sketchbooks and journals to create exploratory studies and to process ideas; and uses purposeful decision making to manipulate design concepts. Studies the impact of significant printmakers. Discusses and writes about the artworks of self and others. Compares criteria for evaluation of traditional and contemporary styles, emphasizes collaboration, and uses specific criteria to select and collect works for a portfolio and student exhibits.

A24 ART II, SCULPTURE I - Tier III
TSDS PEIMS Code: 03501000
Grade Levels: 9-12
Credit: 1
Prerequisite: Art I

A24.LS ART II, SCULPTURE I LS - Tier I
TSDS PEIMS Code: 03501000
Grade Levels: 9-12
Credit: 1
Prerequisite: Committee Approval

Develops skills in a variety of sculpture media, uses sketchbooks and journals to create exploratory studies and to process ideas, studies three-dimensional structures and support systems, and uses purposeful decision making to manipulate design concepts. Studies the impact of significant sculptors. Discusses and writes about the artworks of self and others. Compares criteria for evaluation of traditional and contemporary styles, emphasizes collaboration, and uses specific criteria to select and collect works for a portfolio and student exhibits.

A61 Art III, SCULPTURE II – Tier III
TSDS PEIMS Code: 03501900
Grade Levels: 10-12
Credit: 1
Prerequisite: Art II Sculpture I

Provides an opportunity to choose from a wide variety of sculpture media, techniques, and subject matter, both traditional and contemporary. Develops an individual style in a series of five (5) or more artworks based on a specific concept. Emphasizes the use of technical skill to create quality artworks. Uses sketchbooks and/or journals for independent study of complex problems. Engages students in critical thinking and self-reflection by making connections between intent, purpose, and function of an artwork. Requires a small, independent exhibition of artwork and preparation of a professional portfolio.

A62 Art IV, SCULPTURE III
TSDS PEIMS Code: 03502800
Grade Levels: 11-12

Credit: 1

Prerequisite: Art III Sculpture II

This course expands on the skills learned in previous courses and allows students to express creativity and innovation in their work.

A67 ART II, FIBERS I - Tier III

TSDS PEIMS Code: 03500800

Grade Levels: 9-12

Credit: 1

Prerequisite: Art I

A67.LS ART II, FIBERS I LS - Tier I

TSDS PEIMS Code: 03500800

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

Develops skills in a wide variety of two- and three-dimensional fiber media. Stresses use of sketchbooks and journals to create exploratory studies and to process ideas. Emphasizes use of problem-solving skills and application of design concepts. Studies the impact of significant artists. Discusses and writes about the artworks of self and others. Compares criteria for evaluation of traditional and contemporary styles, emphasizes collaboration, and uses specific criteria to select and collect works for a portfolio and student exhibits

A25 ART II, CERAMICS I - Tier III

TSDS PEIMS Code: 03500900

Grade Levels: 9-12

Credit: 1

Prerequisite: Art I

A25.LS ART II, CERAMICS I LS - Tier I

TSDS PEIMS Code: 03500900

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

Develops skills in hand-built and wheel-thrown techniques, uses sketchbooks and journals to create exploratory studies and to process ideas. Uses purposeful decision making to manipulate design concepts. Studies the impact of significant ceramic artists. Discusses and writes about the artworks of self and others. Compares criteria for evaluation of traditional and contemporary styles, emphasizes collaboration, and uses specific criteria to select and collect works for a portfolio and student exhibits.

A64 ART III, CERAMICS II - Tier III

TSDS PEIMS Code: 03501800

Grade Levels: 10-12

Credit: 1

Prerequisite: Art II Ceramics I

Provides an opportunity to choose from a wide variety of ceramics media, techniques, and subject matter both traditional and contemporary. Develops an individual style in a series of five or more artworks based on a specific concept. Emphasizes the use of technical skill to create quality artworks. Uses sketchbooks and/or journals for independent study of complex problems. Engages students in critical thinking and self-reflection by making connections between intent, purpose, and function of an artwork. Requires a small, independent exhibition of artwork and preparation of a professional portfolio.

A70 ART IV, CERAMICS III - Tier III

TSDS PEIMS Code: 03502700

Grade Level: 11-12

Credit: 1

Prerequisite: Art III Ceramics II

This course expands on the skills learned in the previous courses and allows students to express creativity and innovation in their work.

A26 ART II, JEWELRY I - Tier III

TSDS PEIMS Code: 03501100

Grade Levels: 9-12

Credit: 1

Prerequisite: Art I

A26.LS ART II, JEWELRY I LS - Tier I

TSDS PEIMS Code: 03501100

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

Develops skills in hand-built and casting processes, uses sketchbooks and journals to create exploratory studies and to process ideas. Uses purposeful decision making to manipulate design concepts. Studies the impact of significant jewelers, and discusses and writes about the artworks of self and others. Compares criteria for evaluation of traditional and contemporary styles, emphasizes collaboration; and uses specific criteria to select and collect works for a portfolio and student exhibits.

A66 ART III, JEWELRY II - Tier III

TSDS PEIMS Code: 03502000

Grade Levels: 10-12

Credit: 1

Prerequisite: Art II, Jewelry I

Provides an opportunity to choose from a wide variety of jewelry media, techniques, and subject matter, both traditional and contemporary. Develops a series of five or more artworks based on a specific concept. Emphasizes the use of technical skill to create quality artworks. Uses sketchbooks and/or journals for independent study of complex problems. Stresses critical thinking, problem solving, and self-reflection by making connections between intent, purpose, and function of an artwork. Requires a small, independent exhibition of artwork and preparation of a professional portfolio.

A30 STUDIO ART: DRAWING PORFOLIO AP # - Tier V

TSDS PEIMS Code: A3500300

Grade Levels: 11-12

Credit: 1

Prerequisite: Any Art III course

Provides opportunities for the capable and/or highly motivated student to prepare a series of artworks concerning a selected concept. Requires independent research and commitment to producing a large number of quality artworks, both in and out of the classroom. Emphasizes the preparation of a portfolio for critical review by The College Board and application for college credit. Prepares the student for scholarship applications and for a career in the visual arts.

A32 ART HISTORY AP # - Tier V

TSDS PEIMS Code: A3500100

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Provides an in-depth study of art in relation to historical context and cultures. Requires a commitment to independent study and research. Provides college-level learning experiences for students who wish to prepare for the AP examination.

A34.D ART I, ART APPRECIATION DUAL CREDIT # - Tier V

TSDS PEIMS Code: 02500110

Grade Levels: 11-12

Credit: 1

Del Mar College Course Title: ARTS 1301 - Art Appreciation Prerequisite: must meet dual credit program requirements designed to help students develop an understanding of the visual arts through a basic survey of art mediums, visual elements such as line and color, and a basic history of art. Slide lectures, gallery and museum tours, artist demonstrations and art films discussed.

A36 STUDIO ART TWO-DIMENSIONAL DESIGN PORTFOLIO IV AP # -Tier V

TSDS PEIMS Code: A3500400

Grade Levels: 11-12

Credit: 1

Prerequisite: Any Art III course

Provides opportunities for the capable and/or highly motivated student to prepare a series of artworks concerning a selected two-dimensional design concept. Requires independent research and commitment to producing a large number of quality artworks both in and out of the classroom. Emphasizes the preparation of a portfolio for critical review and for application to The College Board for college credit. Prepares the student for scholarship applications and for a career in the visual arts

A37 STUDIO ART THREE-DIMENSIONAL DESIGN PORTFOLIO IV AP # - Tier V

TSDS PEIMS Code: A3500500

Grade Levels: 11-12

Credit: 1

Prerequisite: Any Art III course

Provides opportunities for the capable and/or highly motivated student to prepare a series of artworks concerning a selected three-dimensional design concept. Requires independent research and commitment to producing a large number of quality artworks both in and out of the classroom. Emphasizes the preparation of a portfolio for critical review and for application to The College Board for college credit. Prepares the student for scholarship applications and for a career in the visual arts.

DANCE

Students earn fine arts credit for dance.

UD1 DANCE I, PRINCIPLES OF DANCE I - Tier III

TSDS PEIMS Code: 03830100
Grade Levels: 9-12
Credit: 1
Prerequisite: None

UD1.LS DANCE I, PRINCIPLE OF DANCE I LS - Tier I

TSDS PEIMS Code: 03830100
Grade Levels: 9-12
Credit: 1
Prerequisite: Committee Approval

Provides instruction in dance. Includes development of creative potential and appreciation of various dance forms, as well as development of dance movements. May require out-of-school practices, performances, and/or extracurricular activities.

UD5 DANCE I, PRINCIPLES OF DANCE I - Tier III

TSDS PEIMS Code: 03830100
Grade Levels: 9-12
Credit: 1
Prerequisite: None

Provides instruction in dance. Includes development of creative potential and appreciation of various dance forms, as well as development of dance movements. May require out-of-school practices, performances, and/or extracurricular activities. **NOTE: This dance course is available only on campuses where the dance instructor is also certified in PE. In addition to one credit in Fine Arts, students will also receive one credit for PE Aerobic Activities. TEKS for both classes will be incorporated into the curriculum.**

UD2 DANCE II, PRINCIPLES OF DANCE II - Tier III

TSDS PEIMS Code: 03830200
Grade Levels: 10-12
Credit: 1
Prerequisite: Dance I and audition

UD3 DANCE III, PRINCIPLES OF DANCE III - Tier III

TSDS PEIMS Code: 03830300
Grade Levels: 11-12
Credit: 1
Prerequisite: Dance II and audition

UD4 DANCE IV, PRINCIPLES OF DANCE IV - Tier III

TSDS PEIMS Code: 03830400
Grade Level: 12
Credit: 1
Prerequisite: Dance III and audition

Provides additional opportunities to continue the study of dance, including enhanced appreciation of various dance forms and movements. May require out-of-school practices, performances, and/or extracurricular activities. Upon successful completion of Dance 2, in addition to one Fine Arts credit, students will also receive a half (0.5) local substitution credit for Physical Education (PE).

MUSIC

A maximum of four (4) state graduation credits are allowed in each music performance class. Grade levels suggested may vary depending on campus scheduling. A limited number of school- owned instruments are available for student use. Students may be required to provide their own instruments. **As stated in 19TAC Chapter 74 Curriculum Requirements, if marching band activities are included in the Fall, students who fully participate in all marching activities will also receive a substitution credit for physical education (PE).**

O21 MUSIC I, BAND I, CAMPUS - Tier III

TSDS PEIMS Code: 03150100
Grade Levels: 9-12
Credit: 1
Prerequisite: Audition

O22 MUSIC II, BAND II, CAMPUS - Tier III

TSDS PEIMS Code: 03150200

Grade Levels: 10-12
Credit: 1
Prerequisite: Audition and Band I

O23 MUSIC III, BAND III, CAMPUS - Tier III
TSDS PEIMS Code: 03150300
Grade Levels: 11-12
Credit: 1
Prerequisite: Audition and Band II

O24 MUSIC IV, BAND IV, CAMPUS - Tier III
TSDS PEIMS Code: 03150400
Grade Level: 12
Credit: 1
Prerequisite: Audition and Band III

Provides training and practice to students who wish to improve their knowledge, skills, and techniques for advancement to the Concert Band or Symphonic Band. Emphasizes the fundamentals of instrumental music. May require attendance at out-of-school rehearsals and performances.

O31 MUSIC I, BAND I, CONCERT - Tier III
TSDS PEIMS Code: 03150100
Grade Levels: 9-12
Credit: 1
Prerequisite: Audition

O32 MUSIC II, BAND II, CONCERT - Tier III
TSDS PEIMS Code: 03150200
Grade Levels: 10-12
Credit: 1
Prerequisite: Audition and Band I

O33 MUSIC III, BAND III, CONCERT - Tier III
TSDS PEIMS Code: 03150300
Grade Levels: 11-12
Credit: 1
Prerequisite: Audition and Band II

O34 MUSIC IV, BAND IV, CONCERT - Tier III
TSDS PEIMS Code: 03150400
Grade Level: 12
Credit: 1
Prerequisite: Audition and Band III

Provides additional opportunities for training and practice to students who wish to develop their musical skills for advancement to the Symphonic Band. Emphasizes the fundamentals of instrumental music. May require attendance at out-of-school rehearsals and performances.

O41 MUSIC I, BAND I, SYMPHONIC - Tier III
TSDS PEIMS Code: 03150100
Grade Levels: 9-12
Credit: 1
Prerequisite: Audition

O42 MUSIC II, BAND II, SYMPHONIC - Tier III
TSDS PEIMS Code: 03150200
Grade Levels: 10-12
Credit: 1
Prerequisite: Audition and Band I

O43 MUSIC III, BAND III, SYMPHONIC - Tier III
TSDS PEIMS Code: 03150300
Grade Levels: 11-12
Credit: 1
Prerequisite: Audition and Band II

O44 MUSIC IV, BAND IV, SYMPHONIC - Tier III
TSDS PEIMS Code: 03150400

Grade Levels: 12

Credit: 1

Prerequisite: Audition and Band III

Fosters continued instrumental development at an advanced level. Promotes well-balanced instrumentation. Emphasizes technical studies and more difficult compositions for musically proficient students. Requires attendance at out-of-school rehearsals and performances.

O12 MUSIC I, JAZZ ENSEMBLE I - Tier III

TSDS PEIMS Code: 03151300

Grade Levels: 9-12

Credit: 1

Prerequisite: Audition

OG2 MUSIC II, JAZZ ENSEMBLE II - Tier III

TSDS PEIMS Code: 03151400

Grade Levels: 10-12

Credit: 1

Prerequisite: Audition and Jazz Band I

OG3 MUSIC III, JAZZ ENSEMBLE III - Tier III

TSDS PEIMS Code: 03151500

Grade Levels: 11-12

Credit: 1

Prerequisite: Audition and Jazz Band II

OG4 MUSIC IV, JAZZ ENSEMBLE IV Tier III

TSDS PEIMS Code: 03151600

Grade Level: 12

Credit: 1

Prerequisite: Audition and Jazz Band III

Explores jazz literature and experimentation with the art of improvisation through performance. Requires attendance at out-of-school rehearsals and performances.

O58 MUSIC I, ORCHESTRA I - Tier III

TSDS PEIMS Code: 03150500

Grade Levels: 9-12

Credit: 1

Prerequisite: Audition

OL2 MUSIC II, ORCHESTRA II - Tier III

TSDS PEIMS Code: 03150600

Grade Levels: 10-12

Credit: 1

Prerequisite: Audition and Orchestra I

OL3 MUSIC III, ORCHESTRA III - Tier III

TSDS PEIMS Code: 03150700

Grade Levels: 11-12

Credit: 1

Prerequisite: Audition and Orchestra II

OL4 MUSIC IV, ORCHESTRA IV - Tier III

TSDS PEIMS Code: 03150800

Grade Level: 12

Credit: 1

Prerequisite: Audition and Orchestra III

Provides training in the fundamentals of orchestra techniques, musicianship, and care of instruments. Integrates elements such as music theory, music history, music research, and advanced individual performance skills into the standard curriculum to better prepare music students for college-level music courses. Requires attendance at out-of-school rehearsals and performances.

OP1 MUSIC I, ORCHESTRA SYMPHONIC I - Tier III

TSDS PEIMS Code: 03150500

Grade Levels: 9-12

Credit: 1

Prerequisite: Audition

OP2 MUSIC II, ORCHESTRA SYMPHONIC II - Tier III

TSDS PEIMS Code: 03150600

Grade Levels: 10-12

Credit: 1

Prerequisite: Audition and Orchestra I

OP3 MUSIC III, ORCHESTRA SYMPHONIC III - Tier III

TSDS PEIMS Code: 03150700

Grade Levels: 11-12

Credit: 1

Prerequisite: Audition and Orchestra II

OP4 MUSIC IV, ORCHESTRA SYMPHONIC IV - Tier III

TSDS PEIMS Code: 03150800

Grade Level: 12

Credit: 1

Prerequisite: Audition and Orchestra III

Fosters continued development at an advanced level. Promotes well-balanced instrumentation. Emphasizes technical studies and more difficult compositions for musically proficient students. Requires attendance at out-of-school rehearsals and performances.

O36 MUSIC I, CHOIR I, CAMPUS - Tier III

TSDS PEIMS Code: 03150900

Grade Levels: 9-12

Credit: 1

Prerequisite: Audition

OH2 MUSIC II, CHOIR II, CAMPUS - Tier III

TSDS PEIMS Code: 03151000

Grade Levels: 10-12

Credit: 1

Prerequisite: Audition and Choir I

OH3 MUSIC III, CHOIR III, CAMPUS - Tier III

TSDS PEIMS Code: 03151100

Grade Levels: 11-12

Credit: 1

Prerequisite: Audition and Choir II

OH4 MUSIC IV, CHOIR IV, CAMPUS - Tier III

TSDS PEIMS Code: 03151200

Grade Level: 12

Credit: 1

Prerequisite: Audition and Choir III

Emphasizes fundamental techniques of breath-control, vocal production, intonation, and phrasing. Includes music theory, sight-reading, aural skills training, and vocal development. Prepares students for advancement to concert choir. Students are assigned to choral music classes based upon the required audition. Requires attendance at out-of-school rehearsals and performances.

O38 MUSIC I, CHOIR I, CONCERT - Tier III

TSDS PEIMS Code: 03150900

Grade Levels: 9-12

Credit: 1

Prerequisite: Audition

O12 MUSIC II, CHOIR II, CONCERT - Tier III

TSDS PEIMS Code: 03151000

Grade Levels: 10-12

Credit: 1

Prerequisite: Audition and Choir I

O13 MUSIC III, CHOIR III, CONCERT - Tier III

TSDS PEIMS Code: 03151100

Grade Levels: 11-12

Credit: 1

Prerequisite: Audition and Choir II

O14 MUSIC IV, CHOIR IV, CONCERT - Tier III

TSDS PEIMS Code: 03151200

Grade Level: 12

Credit: 1

Prerequisite: Audition and Choir III

Emphasizes more advanced techniques of vocal production. Stresses intonation, phrasing, and performance of more advanced compositions. Includes music theory, sight-reading, aural skills training, and vocal development. Students are assigned to choral music classes based upon the required audition. Requires attendance at out-of-school rehearsals and performances.

O46 MUSIC I, VOCAL ENSEMBLE I - Tier III

TSDS PEIMS Code: 03152100

Credit: 1

Prerequisite: Audition

OJ2 MUSIC II, VOCAL ENSEMBLE II - Tier III

TSDS PEIMS Code: 03152200

Grade Levels: 10-12

Credit: 1

Prerequisite: Audition and Vocal Ensemble I

OJ3 MUSIC III, VOCAL ENSEMBLE III - Tier III

TSDS PEIMS Code: 03152300

Grade Levels: 11-12

Credit: 1

Prerequisite: Audition and Vocal Ensemble II

OJ4 MUSIC IV, VOCAL ENSEMBLE IV - Tier III

TSDS PEIMS Code: 03152400

Grade Level: 12

Credit: 1

Prerequisite: Audition and Vocal Ensemble III

Provides an opportunity for the more advanced music student to further individual development through ensemble participation with the goal of achieving the highest performance levels. Requires audition and attendance at out-of-school rehearsals and performances.

O79 MUSIC I, APPLIED MUSIC I - Tier III

TSDS PEIMS Code: 03152500

Grade Levels: 9-12

Credit: 1

Prerequisite: Simultaneous enrollment in a Band, Choir, Orchestra, Piano or Guitar Class/Teacher Approval/Contract

O81 MUSIC II, APPLIED MUSIC II - Tier III

TSDS PEIMS Code: 03152600

Grade Levels: 10-12

Credit: 1

Prerequisite: Simultaneous enrollment in a Band, Choir, Orchestra, Piano or Guitar Class/Teacher Approval/Contract

Allows credit for individual or private study in voice or on an instrument as independent study only. All requirements for credit are outlined in a contract. Each fulfilled contract earns one credit. Maximum graduation credit allowed is two (2) credits. Study and required performance of all musical selections and technical work must begin and be completed within the school year.

O54 MUSIC THEORY AP # - Tier V

TSDS PEIMS Code: A3150200

Grade Levels: 11-12

Credit: 1

Prerequisite: Audition/Teacher Approval

Includes an integrated study of melody, harmony, texture, rhythm, and form. Includes analysis of noted examples and development of aural skills, sight-singing, and keyboard harmony. Requires one of the following: simultaneous enrollment in a choir, band, orchestra, or an independent and guided music course project. Provides college-level learning experiences for students who wish to prepare for the AP examination.

O25 MUSIC I, PIANO I - Tier III

TSDS PEIMS Code: 03154200

Grade Levels: 9-12

Credit: 1

Prerequisite: None

O26 MUSIC II, PIANO II - Tier III
TSDS PEIMS Code: 03154300
Grade Levels: 10-12
Credit: 1
Prerequisite: Music I, Piano I

O27 MUSIC III, PIANO III – Tier III
TSDS PEIMS Code: 03154400
Grade Levels: 11-12
Credit: 1
Prerequisite: Music II, Piano II

O28 MUSIC IV, PIANO IV - Tier III
TSDS PEIMS Code: 03154500
Grade Level: 12
Credit: 1
Prerequisite: Music III, Piano III

Emphasizes music fundamentals and basic piano-playing skills. Presents a variety of techniques with note-reading, harmony, rhythm, and melodic form. (Offered at Miller and Moody only.)

O30 MUSIC I, GUITAR I - Tier III
TSDS PEIMS Code: 03154600
Grade Levels: 9-12
Credit: 1
Prerequisite: None

Emphasizes music fundamentals and basic guitar-playing skills through performance of moderately easy to moderately difficult literature. Presents a variety of techniques with note-reading, harmony, rhythm, and melodic form. May require attendance at out-of-school performances. Students must provide their own instruments – Nylon String Classical Guitar preferred.

O35 MUSIC II, GUITAR II - Tier III
03154700
Grade Levels: 10-12
Credit: 1
Prerequisite: Music I, Guitar I, Audition

O37 MUSIC III, GUITAR III - Tier III
TSDS PEIMS Code: 03154800
Grade Levels: 11-12
Credit: 1
Prerequisite: Music II, Guitar II, Audition

O39 MUSIC IV, GUITAR IV - Tier III
TSDS PEIMS Code: 03154900
Grade Level: 12
Credit: 1
Prerequisite: Music III, Guitar III, Audition

Emphasizes median through advanced music fundamentals and guitar-playing skills through the performance of intermediate to difficult literature. Presents a variety of instrumental techniques with note-reading, harmony, rhythm, and melodic form. Requires attendance at out-of-school performances, concerts and events. Students must provide their own instruments -- A nylon string, classical guitar is strongly recommended for advancing levels of study, performance and competition.

O91 MUSIC I, MARIACHI I - Tier III
TSDS PEIMS Code: 03153800
Grade Levels: 9-12
Credit: 1
Prerequisite: Audition

O95 MUSIC II, MARIACHI II - Tier III
TSDS PEIMS Code: 03153900
Grade Levels: 10-12
Credit: 1
Prerequisite: Audition and Music I, Mariachi I

O96 MUSIC III, MARIACHI III - Tier III
TSDS PEIMS Code: 03154000
Grade Levels: 11-12
Credit: 1
Prerequisite: Audition and Music II, Mariachi II

O97 MUSIC IV, MARIACHI IV - Tier III
TSDS PEIMS Code: 03154100
Grade Level: 12
Credit: 1
Prerequisite: Audition and Music III, Mariachi III

Provides opportunities for the more advanced music student to explore mariachi as a performance medium. Requires attendance at out-of-school rehearsals and performances.

THEATRE ARTS

Students may enroll concurrently in more than one theatre arts course.

U28 THEATRE I, THEATRE ARTS I - Tier III
TSDS PEIMS Code: 03250100
Grade Levels: 9-12
Credit: 1
Prerequisite: None

U28.LS THEATRE ARTS I LS - Tier I
TSDS PEIMS Code: 03250100
Grade Levels: 9-12
Credit: 1
Prerequisite: Committee Approval

Provides a foundation for all other theatre arts courses. Includes an overview of theatre arts, basic acting techniques, and introduction to stagecraft. Provides instruction in theatre production and appreciation.

U30 THEATRE II, THEATRE ARTS II - Tier III
TSDS PEIMS Code: 03250200
Grade Levels: 9-12
Credit: 1
Prerequisite: Theatre Arts I

U30.LS THEATRE ARTS II LS - Tier I
TSDS PEIMS Code: 03250200
Grade Levels: 9-12
Credit: 1
Prerequisite: Committee Approval

Includes the expressive use of the body and voice, and continues emphasis on performance proficiency. Introduces analysis and interpretation of scripts and characters. Advances knowledge and skills in acting, production, and appreciation of theatre. Requires participation in out-of-school rehearsals and performances.

U32 THEATRE III, THEATRE ARTS III - Tier III
TSDS PEIMS Code: 03250300
Grade Levels: 10-12
Credit: 1
Prerequisite: Theatre Arts II

U32.LS THEATRE ARTS III LS - Tier I
TSDS PEIMS Code: 03250200
Grade Levels: 9-12
Credit: 1
Prerequisite: Committee Approval

Furthering acting concepts and skills through advanced characterization. Provides an overview of classical production style and career opportunities. Develops directing techniques, playwriting, and specialized theatrical skills. Emphasizes research, production of original work, and performance using skills of specific areas of study. Requires participation in out-of-school rehearsals and performances.

U52 THEATRE IV, THEATRE ARTS IV - Tier III
TSDS PEIMS Code: 03250400

Grade Levels: 11-12
Credit: 1
Prerequisite: Theatre Arts III

U52.LS THEATRE ARTS IV LS - Tier I

TSDS PEIMS Code: 03250400
Grade Levels: 9-12
Credit: 1
Prerequisite: Committee Approval

Provides opportunities for the more advanced student to study advanced characterization and acting concepts. Requires independent research in order to develop directing techniques, playwriting, and specialized theatrical skills. Requires participation in out-of-school rehearsals and performances. Prepares the student for scholarship applications and for a career in theatre arts.

U34 Theatre I, Theatre Production I - Tier III

TSDS PEIMS Code: 03250700
Grade Levels: 9-12
Credit: 1
Prerequisite: Theatre Arts I & Audition

Provides opportunities to refine skills in production techniques, participate in major productions, and study and observe professional acting. Incorporates higher-level acting and production concepts and skills through the staging and performance of a quality theatre production. Requires participation in out-of-school curricular and extracurricular productions and activities.

U36 Theatre II, Theatre Production II - Tier III

TSDS PEIMS Code: 03250800
Grade Levels: 10-12
Credit: 1
Prerequisite: Theatre Production I

Extends opportunities to develop skills in production techniques, participate in major productions, and study and observe professional acting. Emphasizes concepts and skills necessary for staging and performance of a quality theatre production. Requires participation in out-of-school curricular and extracurricular productions and activities.

U38 Theatre III, Theatre Production III - Tier III

TSDS PEIMS Code: 03250900
Grade Level: 11-12
Credit: 1
Prerequisite: Theatre Production II

Further extends concepts and skills in production techniques through participation in major productions and through observation of professional acting. Extends concepts and skills necessary to staging and performance of a quality theatre production. Requires participation in out-of-school curricular and extracurricular productions and activities.

U62 TECHNICAL THEATRE I - Tier III

TSDS PEIMS Code: 03250500
Grade Levels: 9-12
Credit: 1
Prerequisite: Theatre Arts I

Provides experiences in stage lighting and sound production, video production, and stagecraft. Prepares students for careers in the performing arts. Requires participation in out-of-school curricular and extracurricular productions and activities.

U63 TECHNICAL THEATRE II - Tier III

TSDS PEIMS Code: 03250600
Grade Levels: 10-12
Credit: 1
Prerequisite: Technical Theatre I

Provides experiences in stage lighting and sound production, video production, stagecraft, and in-depth study in one or more selected areas. Prepares the student for a career in the performing arts. Requires participation in out-of-school curricular and extracurricular productions and activities.

U98.ND TECHNICAL THEATRE III - Tier III

TSDS PEIMS Code: 03251100
Grade Levels: 11-12
Credit: 1
Prerequisite: Technical Theatre II

Provides experiences in stage lighting and sound design and production, video production, stagecraft design and production, and furthers in-depth study in one or more areas selected during the level II course. Prepares the student for a career in the performing arts. Requires participation in out-of-school curricular and extracurricular productions and activities.

U91 ACTING 1 DUAL CREDIT # - Tier V

TSDS PEIMS Code: 03250400

Grade Levels: Meets CCISD Dual Credit application requirements

Credit: 1

Del Mar College Course Title:

DRAM 1351 Acting I - 3 hours

Prerequisite: None

Study and practice of basic techniques of acting, including role analysis, rehearsal discipline and playing action; performance of selected scenes from dramatic literature. Assessment Levels: R2, E1, M1. **This course fulfills the Fine Arts credit requirement for graduation.**

U99.ND TECHNICAL THEATRE IV - Tier III

TSDS PEIMS Code: 03251200

Grade Levels: 12

Credit: 1

Prerequisite: Technical Theatre III

Provides experiences in stage lighting and sound design and production, video production, stagecraft design and production, and furthers in-depth study in one or more areas selected during the level II course. Prepares the student for a career in the performing arts. Requires participation in out-of-school curricular and extracurricular productions and activities.

HEALTH

L20 HEALTH EDUCATION - Tier III

TSDS PEIMS CODE: 03810100

Grade Levels: 9-12

Credit: 0.5

Prerequisite: None

Provides extensive coverage of nine (9) health concepts recommended by the Texas Education Agency. Includes instruction to better acquaint students with the body and its functions, how to better care for the body, and the body's reproductive system. Also includes units on alcohol, tobacco, dangerous drugs, first aid, cardiopulmonary resuscitation (CPR), nutrition, diseases, environmental health and safety, mental health, health agencies, and human sexuality. Curriculum consists of specially designed instruction for students based on grade level TEKS. This course offers instruction linking to grade level TEKS through prerequisite skills.

WORLD LANGUAGES

F20 SPANISH 1 - Tier III

TSDS PEIMS CODE: 03440100

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Develops language skills in listening, speaking, reading, and writing through a proficiency-oriented curriculum. Emphasizes speaking and comprehending Spanish. Acquaints students with the culture of Spanish-speaking countries as they view and listen to authentic materials from those countries.

F24 SPANISH 2 - Tier III

TSDS PEIMS CODE: 03440200

Grade Levels: 9-12

Credit: 1

Prerequisite: Spanish 1 or appropriate Credit by exam (CBE) OR District-approved placement test

Extends language competency in listening, speaking, reading, and writing through a proficiency based curriculum to increase communication skills. Provides daily opportunities for students to communicate in Spanish. Extends student knowledge of the culture of Spanish-speaking countries as they view and listen to authentic materials from those countries.

F26 SPANISH 3 - Tier III

TSDS PEIMS CODE: 03440300

Grade Levels: 9-12

Credit: 1

Prerequisite: Spanish 2 or appropriate Credit by exam (CBE) OR District-approved placement test

Increases students' communicative skills in Spanish through a proficiency oriented curriculum, including listening, speaking, reading and writing skills. Provides daily opportunities for students to communicate in Spanish. Fosters increased student knowledge of the culture and history of Spanish-speaking people.

F28 SPANISH 3 Honors # - Tier IV

TSDS PEIMS CODE: 03440300

Grade Levels: 9-12

Credit: 1

Prerequisite: Spanish 2 or appropriate Credit by exam (CBE) OR District-approved placement test

Provides opportunities for the capable and/or highly motivated student to develop higher-level proficiency in language skills through reading, writing, listening and speaking activities. Includes daily discussions in the target language. Fosters increased student knowledge of the culture and history of Spanish-speaking people.

F30 SPANISH 4 LANGUAGE AND CULTURE AP # - Tier V

TSDS PEIMS CODE: A3440100

Grade level: 9-12

Credit: 1

Prerequisite: Spanish 3 or appropriate Credit by exam (CBE) OR District-approved placement test

The AP Spanish Language and Culture Course, which is conducted exclusively in Spanish, is designed to help students gain greater proficiency in the Spanish language, and to also successfully complete the AP* Spanish Language and Culture Exam. Students demonstrate their proficiency in the modes of communication from the Intermediate to the Pre-Advanced range. Students aim towards this proficiency through communicative activities, using authentic materials, a thematic approach, and the practice of the modes of communication: interpretive, interpersonal presentational.

F31.H Spanish 5 Honors # - Tier IV

TSDS PEIMS CODE: 03440500

Grade levels: 11-12

Credit: 1

Prerequisite: Spanish 4 Language and Culture AP#

Provides opportunities for the highly motivated student to increase proficiency in communication and understanding of Spanish Culture. Emphasizes conversation in real world situations. Students practice language skills using the 3 modes of communication - interpretive, interpersonal and presentational.

F32 SPANISH LITERATURE AND CULTURE AP # - Tier V

TSDS PEIMS CODE: A3440200

Grade Levels: 11-12

Credit: 1

Prerequisite: Spanish 4 Language and Culture AP#

Provides opportunities for the capable and/or highly motivated student. Continues to build proficiency in language skills, as well as knowledge of the literature, culture, and civilization of Spanish-speaking countries. Provides college-level learning experience for students who wish to prepare for AP examination (Literature).

F44 SPANISH 6 Honors # - Tier IV

TSDS PEIMS CODE: 03440600

Grade Levels: 11-12

Credit: 1

Prerequisite: Spanish Literature and Culture AP#

An advanced course that provides an opportunity for students to improve their language skills, and obtain a global understanding of Spanish speaking cultures. Through research and investigation, students will study the most important artistic, economic, geographic, and historic aspects and the influence of major civilizations that have been a part of Spain and other Hispanic cultures.

F50 FRENCH 1 - Tier III

TSDS PEIMS CODE: 03410100

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Develops language skills in listening, speaking, reading, and writing through a proficiency-oriented curriculum. Emphasizes speaking and comprehending French. Acquaints students with the culture of French-speaking countries as they view and listen to authentic materials from those countries.

F52 FRENCH 2 - Tier III

TSDS PEIMS CODE: 03410200

Grade Levels: 9-12

Credit: 1

Prerequisite: French 1 or appropriate Credit by exam (CBE) OR District-approved placement test

Expands language competency in listening, speaking, reading, and writing through a proficiency based curriculum to increase communication skills. Provides daily opportunities for students to communicate in French. Extends student knowledge of the culture of French-speaking countries as they view and listen to authentic materials from those countries.

F58 FRENCH 3 - Tier III
TSDS PEIMS CODE: 03410300
Grade Levels: 9-12
Credit: 1

Prerequisite: French 2 or appropriate Credit by exam (CBE) OR District-approved placement test

Increases students' communicative skills in French through a proficiency oriented curriculum, including listening, speaking, reading and writing skills. Provides regular opportunities for students to communicate in French. Fosters increased student knowledge of the culture and history of French-speaking people.

F54 FRENCH 3 Honors # - Tier IV
TSDS PEIMS CODE: 03410300
Grade Levels: 9-12
Credit: 1

Prerequisite: French 2 or appropriate Credit by exam (CBE) OR District-approved placement test

Provides opportunities for the capable and/or highly motivated student to develop higher-level proficiency in language skills through reading, writing, listening and speaking activities. Includes daily discussions in French. Provides a general background in Francophone literature, and expands student knowledge of the history and culture of Francophone countries.

F56 FRENCH 4 LANGUAGE AND CULTURE AP # - Tier V
TSDS PEIMS CODE: A3410100
Grade Levels: 9-12
Credit: 1

Prerequisite: French 3 or appropriate Credit by exam (CBE) OR District-approved placement test

The AP French Language and Culture Course, which is conducted exclusively in French, is designed to help students become proficient in the French language, and to also successfully complete the AP* French Language and Culture Exam. Students demonstrate their proficiency in the modes of communication from the Intermediate to the Pre-Advanced range. Students aim towards this proficiency through communicative activities, using authentic materials, a thematic approach, and the practice of the 3 modes of communication: interpretive, interpersonal and presentational.

F55 FRENCH 5 Honors # - Tier IV
TSDS PEIMS CODE: 03410500
Grade Levels: 11-12
Credit: 1

Prerequisite: AP French 4 Language and Culture

Provides opportunities for the highly motivated student to increase proficiency in communication and understanding of French culture. Emphasizes conversation in real world situations. Students practice language skills using the 3 modes of communication – interpretive, interpersonal and presentational.

F63 FRENCH 6 Honors# - Tier IV
TSDS PEIMS CODE: 03410600
Grade Levels: 11-12
Credit: 1.0

Prerequisite: French 5 Honors #

Provides opportunities for the highly motivated student to increase proficiency in communication and understanding of French culture. Emphasizes conversation in real world situations. Students practice language skills using the 3 modes of communication – interpretive, interpersonal and presentational.

F62 GERMAN 1 - Tier III
TSDS PEIMS CODE: 03420100
Grade Levels: 9-12
Credit: 1
Prerequisite: None

Develops language skills in listening, speaking, reading, and writing through a proficiency-oriented curriculum. Emphasizes speaking and comprehending German. Acquaints students of German-speaking countries as they view and listen to authentic material from those countries.

F64 GERMAN 2 - Tier III
TSDS PEIMS CODE: 03420200
Grade Levels: 9-12
Credit: 1

Prerequisite: German 1 or appropriate Credit by exam (CBE) OR District-approved placement test

Expands language competency in listening, speaking, reading, and writing through a proficiency-oriented curriculum. Provides daily opportunities for students to communicate in German. Extends knowledge and awareness of the culture of German-speaking countries as they view and listen to authentic material from those countries.

F68 GERMAN 3 - Tier III

TSDS PEIMS CODE: 03420300

Grade Levels: 9-12

Credit: 1

Prerequisite: German 2 or appropriate Credit by exam (CBE) OR District-approved placement test

Increases students' communicative skills in German through a proficiency oriented curriculum, including listening, speaking, reading and writing skills. Provides daily opportunities for students to communicate in German. Fosters increased student knowledge of the culture and history of German-speaking people.

F66 GERMAN 3 Honors # - Tier IV

TSDS PEIMS CODE: 03420300

Grade Levels: 9-12

Credit: 1

Prerequisite: German 2 or appropriate Credit by exam (CBE) OR District-approved placement test

Provides opportunities for the capable and/or highly motivated student to develop higher-level proficiency in language skills through reading, writing, listening and speaking activities. Includes daily discussions in German. Provides a general background in German literature, and expands student knowledge of the history and culture of Germany.

F70 GERMAN 4 LANGUAGE AND CULTURE AP # - Tier V

TSDS PEIMS CODE: A3420100

Grade Levels: 11-12

Credit: 1

Prerequisite: German 3 or appropriate Credit by exam (CBE) OR District-approved placement test

The AP German Language and Culture Course, which is conducted exclusively in German, is designed to help students become proficient in the German language, and to also successfully complete the AP* German Language and Culture Exam. Students demonstrate their proficiency in the modes of communication from the Intermediate to the Pre-Advanced range. Students aim towards this proficiency through communicative activities, using authentic materials, a thematic approach, and the practice of the 3 modes of communication: interpretive, interpersonal and presentational.

F94 AMERICAN SIGN LANGUAGE 1 - Tier III

TSDS PEIMS CODE: 03980100

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Develops skills in interactive communication with the Deaf through American Sign Language. Emphasizes receptive and expressive signing, as well as the history and culture related to Deaf people.

F96 AMERICAN SIGN LANGUAGE 2 - Tier III

TSDS PEIMS CODE: 03980200

Grade Levels: 9-12

Credit: 1

Prerequisite: American Sign Language 1 or appropriate Credit by exam (CBE) OR District-approved placement test

Expands skills in interactive communication with the Deaf through American Sign Language. Provides greater emphasis on special projects to develop communication skills with Deaf people.

F98 AMERICAN SIGN LANGUAGE 3 - Tier III

TSDS PEIMS CODE: 03980300

Grade Levels: 9-12

Credit: 1

Prerequisite: American Sign Language 2 or appropriate Credit by exam (CBE) OR District-approved placement test

Provides higher-level student proficiency in receptive and expressive signing. Increased attention is given to the Deaf culture. Provides opportunity to function as a Deaf interpreter in select situations.

F99 AMERICAN SIGN LANGUAGE 4 - Tier IV

TSDS PEIMS CODE: 03980400

Grade Levels: 10-12

Credit: 1

Prerequisite: American Sign Language 3 or appropriate Credit by exam (CBE) OR District-approved placement test

This course is for students who wish to further their conversational skills in American Sign Language at the advanced level. The emphasis is on the development of expressive and receptive discourse skills as well as the acquisition of cultural and linguistic knowledge related to deaf communities.

This course introduces students to the interpreting profession and discusses theories and models of interpreting, history and terminology within the profession. It emphasizes employment options, common work settings, sign systems and ethical considerations as related to stake-holders within the interpreting field.

LOCAL CREDIT COURSES

Local credit courses do not count toward the credits required for the state-approved graduation plans. All courses may be offered at all high schools at the discretion of campus administration.

X20A OFFICE PRACTICE EXPERIENCE 1-1 - Tier II

TSDS PEIMS CODE: 85000OPX
Grade Levels: 9-12
Credit: 0.5 local
Prerequisite: Counselor Approval

X20B OFFICE PRACTICE EXPERIENCE 1-2 - Tier II

TSDS PEIMS CODE: 85000OPX
Grade Levels: 9-12
Credit: 0.5 local
Prerequisite: Counselor Approval

Enhances office etiquette, interpersonal relations, and communication. Offers training in clerical work and the use of office machines.

X23 LIBRARY SCIENCE - Tier II

TSDS PEIMS CODE: 85000LIB
Grade Levels: 9-12
Credit: 0.5 local
Prerequisite: Librarian Approval

Develops library skills in the utilization of materials, resources, facilities, and services available in the library. Coordinates instruction with training in the operating procedures of the library as it is used to support the school's instructional program.

RVC VAC ON-JOB PROGRAM 1 (PART-TIME) - Tier II

TSDS PEIMS CODE: 84900003
Grade Levels: 11-12
Credit: 3 Local
Prerequisite: Committee Approval

RVC-1 VAC ON JOB PROGRAM 1 (PART-TIME) - Tier 2

TSDS PEIMS Code: 84900004
Grade Levels: 11-12
Credit: 1
Prerequisite: Committee Approval

Emphasizes the development of job and job-related skills through actual employment. This course is ONLY available for students who are classified as grade 11 or 12.

RVD VAC ON-JOB PROGRAM 2 (PART-TIME) - Tier II

TSDS PEIMS CODE: 84900004
Grade Levels: 11-12
Credit: 3 Local
301- Over Work Hours
Prerequisite: Committee Approval

Emphasizes the development of job and job-related skills through actual employment. This course is ONLY available for students who are classified as grade 11 or 12.

RVDMTH VAC ON JOB PROGRAM 2 (PART-TIME) MTH- Tier 2

TSDS PEIMS Code: 84900004
Grade Levels: Post High School
Credit: 1
Prerequisite: Committee Approval

Emphasizes the development of job and job-related skills through actual employment. This course is ONLY available for students who are enrolled at MARY GRETT TRANSITION CENTER

RUE CAMPUS BASED TRAINING 1- Tier I
TSDS PEIMS Code: 84900020
Grade Levels: 11
Credit: 1
Prerequisite: Committee Approval

RVE CAMPUS-BASED TRAINING 2 - Tier I
TSDS PEIMS CODE: 84900005
Grade Levels: 12
Credit: 1 Local
Prerequisite: ARD Committee Approval

Includes instruction in employment-related skills at designated work sites on campus. Students learn personal and social skills, acceptable work habits, and appropriate interaction with a supervisor by accepting praise and redirection.

RLD Social Communication LS – Tier I
TSDS PEIMS CODE: 84000001
Grade Levels: 9-12
Credit: 1 Local
Prerequisite: ARD Committee Approval

Designed to develop appropriate social skills including positive interpersonal and communication skills.

RLE COMMUNITY MANAGEMENT SKILLS LS - Tier I
TSDS PEIMS CODE: 84400001
Grade Levels: 11- 12
Credit: 1 Local
Prerequisite: ARD Committee Approval

Includes instruction in functional personal and community management skills. Students learn to request assistance when needed, wear corrective devices, follow medication directions, recognize needed and implement personal care activities and purchase care items. Students obtain community information/ services, travel within designated area, understand words related to community activities, utilize community services, use appropriate behaviors and use compensatory practices.

RLM JOB READINESS SKILLS 1- Tier I
TSDS PEIMS Code: 84900007
Grade Levels: 9-12
Credit: 1 Local
Prerequisite: Committee Approval

Includes instruction in employment-related skills at designated work sites on campus. Students learn personal and social skills, acceptable work habits, and appropriate interaction with a supervisor by accepting praise and redirection

XH1 Navigating Life with Hearing Loss –Tier I
TSDS PEIMS CODE: N1290330 (NAVLOSS)
Grade Levels: 9-12
Credit: 1 Local
Prerequisite: Committee Approval

This course provides the information, resources, and opportunities that will empower students who are Deaf or hard of hearing to effectively apply information and skills learned in educational, home, and community settings in order to facilitate achievement in secondary and postsecondary environments. Areas to be addressed include audiology, hearing health, assistive technology, available support services and accommodations, communication, self-determination and advocacy, and Deaf culture.

TRANSITION PROGRAMS

R1T.C1 TRANSITION SERVICES 1- Tier I
TSDS PEIMS Code: **85000TS1**
Grade Levels: Post High School
Credit: 1 Local
Prerequisite: Committee Approval

R1T.C2 TRANSITION SERVICES 1 (2 PERIODS M-F) – Tier I
TSDS PEIMS Code: **85000TS1**
Grade Levels: Post High School
Credit: 2 Local
Prerequisite: Committee Approval

R1T.C4 TRANSITION SERVICES 1 (1/2 DAY M-F) – Tier I
TSDS PEIMS Code: **85000TS1**

Grade Levels: Post High School
Credit: 4 Local
Prerequisite: ARD Committee Approval (1/2 DAY M-F)

R1T.C4TT TRANSITION SERVICES 1 (TT) – Tier I

TSDS PEIMS Code: **85000TS1**
Grade Levels: Post High School
Credit: 2 Local
Prerequisite: ARD Committee Approval (1/2 DAY TUESDAY & THURSDAY) -to be partnered with RTK TIDES Transition Services 1

R1T.C5 TRANSITION SERVICES 1 (MWF) – Tier I

MWF TSDS PEIMS Code: **85000TS1**
Grade Levels: Post High School
Credit: 3 Local
Prerequisite: ARD Committee Approval (Full day MWF)

R1T.C7 TRANSITION SERVICES 1 (FULL DAY) – Tier I

TSDS PEIMS Code: **85000TS1**
Grade Levels: Post High School
Credit: 7 Local
Prerequisite: ARD Committee Approval (Full day)

Provides instruction in Activities of Daily Living such as developing student independence in a home, or residential setting, including instruction for personal hygiene, housekeeping, laundry, home safety, and emergency procedures and practices. Students will participate in making realistic occupational choices, completing employment-related forms, demonstrating interview skills, and practicing soft-skill for the job-site are emphasized. Students will learn strategies and skills for managing personal business needs including purchasing groceries and paying bills. As well as explore various transportation options and determine the most appropriate practice for their adult life. Instructional will also prepare students to access community agencies and services. The Mary Grett Transition Center supports student independence and self-determination by providing instruction in decision making, problem solving and effective communication for social and vocational environments.

R2T.C1 TRANSITION SERVICES 2 (FULL DAY) – Tier I

TSDS PEIMS Code: **85000TS2**
Grade Levels: Post High School
Credit: 1 Local
Prerequisite: Committee Approval

R2T.C2 TRANSITION SERVICES 2 (2 PERIODS M-F) – Tier I

TSDS PEIMS Code: **85000TS2**
Grade Levels: Post High School
Credit: 4 Local
Prerequisite: Committee Approval

R2T.C4 TRANSITION SERVICES 2 (1/2 DAY M-F) – Tier I

TSDS PEIMS Code: **85000TS2**
Grade Levels: Post High School
Credit: 4 Local
Prerequisite: ARD Committee Approval (1/2 Day M-F)

R2T.C4TT TRANSITION SERVICES 2 (TT) – Tier I

TSDS PEIMS Code: **85000TS2**
Grade Levels: Post High School
Credit: 2 Local
Prerequisite: ARD Committee Approval (½ day Tuesday & Thursday) – to be partnered with RTK TIDES Transition Services 2

R2T.C5 TRANSITION SERVICES 2 (MWF) – Tier I

MWF TSDS PEIMS Code: **85000TS2**
Grade Levels: Post High School
Credit: 3 Local
Prerequisite: Committee Approval (Full Day MWF)

R2T.C7 TRANSITION SERVICES 2 (FULL DAY) – Tier I

TSDS PEIMS Code: **85000TS2**
Grade Levels: Post High School
Credit: 7 Local
Prerequisite: Committee Approval (Full Day)

Provides instruction in Activities of Daily Living such as developing student independence in a home, or residential setting, including instruction for personal hygiene, housekeeping, laundry, home safety, and emergency procedures and practices. Students will participate in making realistic occupational choices, completing employment-related forms, demonstrating interview skills, and practicing soft-skill for the job-site are emphasized. Students will learn strategies and skills for managing personal business needs including purchasing groceries and paying bills. As well as explore various transportation options and determine the most appropriate practice for their adult life. Instructional will also prepare students to access community agencies and services. The Mary Grett Transition Center supports student independence and self-determination by providing instruction in decision making, problem solving and effective communication for social and vocational environments.

R3T.C1 TRANSITION SERVICES 3 – Tier I

TSDS PEIMS Code: **85000TS3**
Grade Levels: Post High School
Credit: 1 Local
Prerequisite: Committee Approval

R3T.C2 TRANSITION SERVICES 3 (2 PERIODS M-F) – Tier I

TSDS PEIMS Code: **85000TS3**
Grade Levels: Post High School
Credit: 2 Local
Prerequisite: Committee Approval

R3T.C4 TRANSITION SERVICES 3 (1/2 DAY M-F) – Tier I

TSDS PEIMS Code: **85000TS3**
Grade Levels: Post High School
Credit: 4 Local
Prerequisite: ARD Committee Approval (1/2 Day M-F)

R3T.C4TT TRANSITION SERVICES 3 (TT) – Tier I

TSDS PEIMS Code: **85000TS3**
Grade Levels: Post High School
Credit: 2 Local
Prerequisite: ARD Committee Approval (½ day Tuesday & Thursday) – to be partnered with RTK TIDES Transition Services 2

R3T.C5 TRANSITION SERVICES 3 (MWF) – Tier I

MWF TSDS PEIMS Code: **85000TS3**
Grade Levels: Post High School
Credit: 3 Local
Prerequisite: Committee Approval (Full Day MWF)

R3T.C7 TRANSITION SERVICES 3 (FULL DAY) – Tier I

TSDS PEIMS Code: **85000TS3**
Grade Levels: Post High School
Credit: 7 Local
Prerequisite: Committee Approval (Full Day)

Provides instruction in Activities of Daily Living such as developing student independence in a home, or residential setting, including instruction for personal hygiene, housekeeping, laundry, home safety, and emergency procedures and practices. Students will participate in making realistic occupational choices, completing employment-related forms, demonstrating interview skills, and practicing soft-skill for the job-site are emphasized. Students will learn strategies and skills for managing personal business needs including purchasing groceries and paying bills. As well as explore various transportation options and determine the most appropriate practice for their adult life. Instructional will also prepare students to access community agencies and services. The Mary Grett Transition Center supports student independence and self-determination by providing instruction in decision making, problem solving and effective communication for social and vocational environments.

RTK TIDES TRANSITION SERVICES 1 - Tier I

TSDS PEIMS CODE: 84900TT1
Grade Level: Post High-School
Credit: 3 Local
Prerequisite: Committee Approval and approved application

Instruction is provided utilizing transition services and supports as determined by the ARD Committee and person centered transition assessments. Instruction will focus on student independence in the home and community. Emphasizes personal finances and budgeting, housekeeping, laundry, home safety, emergency practices and procedures, employment-related skills, and public transportation. **Course will take place on the Texas A&M Corpus Christi campus in collaboration with Mary Grett Transition Center staff three day per week.**

RTL TIDES TRANSITION SERVICES 2 - Tier I

TSDS PEIMS CODE: 84900TT2
Grade Level: Post High-School

Credit: 3 Local

Prerequisite: Committee Approval and approved application

Instruction is provided utilizing transition services and supports as determined by the ARD Committee and person centered transition assessments. Instruction will focus on student independence in the home and community. Emphasizes personal finances and budgeting, housekeeping, laundry, home safety, emergency practices and procedures, employment-related skills, and public transportation. **Course will take place on the Texas A&M Corpus Christi campus in collaboration with Mary Grett Transition Center staff three day per week.**

RTM TIDES TRANSITION SERVICES 3 - Tier I

TSDS PEIMS CODE: 84900TT3

Grade Level: Post High-School

Credit: 3 Local

Prerequisite: Committee Approval and approved application

Instruction is provided utilizing transition services and supports as determined by the ARD Committee and person centered transition assessments. Instruction will focus on student independence in the home and community. Emphasizes personal finances and budgeting, housekeeping, laundry, home safety, emergency practices and procedures, employment-related skills, and public transportation. **Course will take place on the Texas A&M Corpus Christi campus in collaboration with Mary Grett Transition Center staff three day per week.**

RVF COMMUNITY WORK TRAINING PROGRAM I - Tier I

TSDS PEIMS CODE: 84900016

Grade Level: Post High School

Credit: 3

Prerequisite: Committee Approval

Offered at Mary Grett Transition Center ONLY

RVF.MW COMMUNITY WORK TRAINING PROGRAM I - Tier I

TSDS PEIMS CODE: 84900016 (CWTP 1 CR3 MWF)

Grade Level: Post High School

Credit: 2 Local

Prerequisite: Committee Approval

Offered at Mary Grett Transition Center ONLY

RVF.TT COMMUNITY WORK TRAINING PROGRAM I (TT)- Tier I

TSDS PEIMS CODE: 84900016

Grade Level: Post High School

Credit: 1.5

Prerequisite: Committee Approval

Offered at Mary Grett Transition Center ONLY

RVJ COMMUNITY WORK TRAINING PROGRAM II - Tier I

TSDS PEIMS CODE: 84900017

Grade Level: 11 - Post High School

Credit: 3

Prerequisite: Committee Approval

Offered at Mary Grett Transition Center ONLY

RVJ.MW COMMUNITY WORK TRAINING PROGRAM II - Tier I

TSDS PEIMS CODE: 84900017 (CWTP 2 CR2 MWF)

Grade Level: Post High School

Credit: 2 Local

Prerequisite: Committee Approval

Offered at Mary Grett Transition Center ONLY

RVJ.TT COMMUNITY WORK TRAINING PROGRAM II (TT)- Tier I

TSDS PEIMS CODE: 84900017

Grade Level: 11 - Post High School

Credit: 1.5

Prerequisite: Committee Approval

Offered at Mary Grett Transition Center ONLY

RVL COMMUNITY WORK TRAINING PROGRAM III - Tier I

TSDS PEIMS CODE: 84900018

Grade Level: 11 - Post High School

Credit: 3

Prerequisite: Committee Approval

Offered at Mary Grett Transition Center ONLY

RVL.MW COMMUNITY WORK TRAINING PROGRAM III (MWF) –Tier I

TSDS PEIMS CODE: 84900018 (CWTP 3 CR3 MWF)
Grade Level: Post High School
Credit: 2 Local
Prerequisite: Committee Approval
Offered at Mary Grett Transition Center ONLY

RVL.TT COMMUNITY WORK TRAINING PROGRAM III (TT) - Tier I

TSDS PEIMS CODE: 84900018
Grade Level: 11 - Post High School
Credit: 1.5
Prerequisite: Committee Approval
Offered at Mary Grett Transition Center ONLY

Develops employment-related skills through job training at local businesses. Emphasizes appropriate work habits and attitudes. This course is ONLY available for students who are classified as grade 11 or 12. Offered at Mary Grett Transition Center.

MATHEMATICS

M63 STRATEGIC LEARNING FOR HIGH SCHOOL MATHEMATICS STLNHSM – Tier III

TSDS PEIMS CODE: N1110030
Grade Levels: 9, 10
Credit: 1
Prerequisite: None

M63INC STRATEGIC LEARNING FOR HIGH SCHOOL MATHEMATICS INC – Tier III

TSDS PEIMS CODE: N1110030
Grade Levels: 9-12
Credit: 1
Prerequisite: Committee Approval

The creation of this course is in response to the needs of struggling mathematics students entering 9th and 10th grades. Under the Student Success Initiative, the Grade Placement Committee may choose to place a student into 9th grade despite not passing the math STAAR in 8th grade. Likewise, there are students who perform poorly in Algebra I and on the Algebra I end-of-course assessment who would also benefit from this course in their 10th Grade year. These students have received instruction and interventions based on the content of the math TEKS repeatedly and continue to fail, therefore indicating a novel approach is merited. These underprepared math students will benefit from explicit instruction on how to strategically learn mathematical skills, identifying and correcting their own errors in learning.

M28 ALGEBRA I - Tier III

TSDS PEIMS CODE: 03100500
Grade Levels: 9-12
Credit: 1
Prerequisite: None

Develops fundamental concepts and skills of algebra including algebraic thinking and symbolic reasoning, using functions to represent and model problem situations, and setting up and solving equations and inequalities using a variety of representations and methods. The use of various mathematical processes and tools (including graphing calculators) is emphasized. Curriculum will consist of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

M28INC ALGEBRA I INC - Tier III

TSDS PEIMS CODE: 03100500
Grade Levels: 9
Credit: 1
Recommended Prerequisite: English III; Committee Approval

M28.SBI ALGEBRA I SBI - Tier II

TSDS PEIMS CODE: 03100500
Grade Levels: 9
Credit: 1
Recommended Prerequisite: English III; Committee Approval

M28.LS ALGEBRA I LT - Tier I

TSDS PEIMS CODE: 03100507
Grade Levels: 9

Credit: 1
Prerequisite: Approval required

M26 MATHEMATICAL MODELS WITH APPLICATIONS - Tier III

TSDS PEIMS CODE: 03102400
Grade Levels: 10-12
Credit: 1
Prerequisite: Algebra I

This mathematics course provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems and communicate problems.

M26INC MATHEMATICAL MODELS WITH APPLICATIONS INC - Tier III

TSDS PEIMS CODE: 03102400
Grade Levels: 11-12
Credit: 1
Prerequisite: Algebra I; Committee Approval

M26.SBI MATHEMATICAL MODELS WITH APPLICATIONS SBI - Tier II

TSDS PEIMS CODE: 03102400
Grade Levels: 11-12
Credit: 1
Prerequisite: Algebra I; Committee Approval

MNO MATHEMATICAL MODELS WITH APPLICATIONS LS - Tier I

TSDS PEIMS CODE: 03102400
Grade Levels: 11-12
Credit: 1
Prerequisite: Algebra I; Committee Approval

M36 GEOMETRY - Tier III

TSDS PEIMS CODE: **03100700**
Grade Levels: 9-12
Credit: 1
Prerequisite: May enroll concurrently with Algebra I (SB) 1374

Develops fundamental concepts and skills of mathematics. Geometric reasoning is used to recognize patterns and structure, model information, and solve problems. Mathematical methods are used to model and solve real-life applied problems involving data, chance, and patterns. A variety of mathematical representations, tools, and technology is used to link pure mathematics to its real-world applications. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

M36INC GEOMETRY INC - Tier III

TSDS PEIMS CODE: 03100700
Grade Levels: 9-12
Credit: 1.0
Prerequisite: Committee Approval

M36.SBI GEOMETRY SBI - Tier II

TSDS PEIMS CODE: 03100700
Grade Levels: 9-12
Credit: 1.0
Prerequisite: Committee Approval

M36.LS GEOMETRY LS - Tier I

TSDS PEIMS CODE: 03100700
Grade Levels: 9-12
Credit: 1.0
Prerequisite: Algebra I; Committee Approval

M38 GEOMETRY PRE-AP # - Tier IV

TSDS PEIMS CODE: 03100700
Grade Levels: 9-12
Credit: 1
Prerequisite: May enroll concurrently with Algebra I (SB) 1374

Develops advanced skills in algebraic operations, while examining systems of quadratic equations and the complex number system. Includes the study of plane and spatial relationships, synthetic and coordinate geometry, and the development of geometry as a structured mathematics system with formal geometric proofs requiring considerable mathematical insight. Emphasizes the connections between algebra and geometry. Integrates technology for problem solving.

M30 ALGEBRA II - Tier III
TSDS PEIMS CODE: 03100600
Grade Levels: 9-12
Credit: 1
Prerequisite: Algebra I

Develops advanced skills of algebra operations, while examining systems of quadratic equations and the complex number system. Presents concepts of algebra and geometry as related to conical, linear, polynomial, exponential, logarithmic, and trigonometric functions and their applications. Integrates technology for problem solving. Curriculum will consist of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

M30INC ALGEBRA II INC - Tier III
TSDS PEIMS CODE: 03100600
Grade Levels: 9-12
Credit: 1
Prerequisite: Algebra I; Committee Approval

M30.SBI ALGEBRA II SBI - Tier II
TSDS PEIMS CODE: 03100600
Grade Levels: 9-12
Credit: 1
Prerequisite: Algebra I; Committee Approval

M30.LS ALGEBRA II LS - Tier I
TSDS PEIMS CODE: 03100600
Grade Levels: 9-12
Credit: 1
Prerequisite: Algebra I; Committee Approval

M34 ALGEBRA II HONORS # - Tier IV
TSDS PEIMS CODE: 03100600
Grade Levels: 9-12
Credit: 1
Prerequisite: Algebra I

Develops advanced skills in algebraic operations, while examining systems of quadratic equations and the complex number system. Emphasizes mathematical structure; precise language; and an analytical approach in the study of the complex number system such as conical, linear, polynomial, exponential, logarithmic, and trigonometric functions. Integrates technology for problem solving.

M53 ADVANCED QUANTITATIVE REASONING - Tier III
TSDS PEIMS CODE: 03102510
Grade Levels: 10-12
Credit: 1
Prerequisite: Geometry and Algebra II

Includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships, and spatial and geometric modeling for mathematical reasoning. Students learn to become critical consumers of real-world quantitative data, knowledgeable problem solvers who use logical reasoning, and mathematical thinkers who can use their quantitative skills to solve authentic problems. Students develop critical skills for success in college, research, collaboration, and both written and oral communication of their work, as they solve problems in many types of applied situations.

M43 PRECALCULUS - Tier III
TSDS PEIMS CODE: 03101100
Grade Levels: 9-12
Credit: 1
Prerequisite: Algebra I, Geometry, and Algebra II

Integrates and extends the concepts and skills of trigonometry, elementary analysis, and analytical geometry. Provides opportunities for a variety of applications. Integrates technology for problem solving.

M48 PRECALCULUS HONORS # - Tier IV
TSDS PEIMS CODE: 03101100
Grade Levels: 9-12

Credit: 1

Prerequisite: Algebra I, Geometry, and Algebra II

Emphasizes mathematical structure, precise language, and an analytical approach to integrate and extend the concepts and skills of trigonometry, elementary analysis, and analytical geometry. Provides opportunities for a variety of applications. Integrates technology for problem solving.

M95.DOR PRECALCULUS DUAL Enrollment UT ONRAMPS # - Tier V

TSDS PEIMS Code: 03101100

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 1

On Ramp Course Title: Discovery Pre-calculus

Math 2312 Pre-Calculus

3 hours

Prerequisite: Algebra I, Geometry, and Algebra II

Recommended Prerequisite: Passing Score on Algebra 1 STAAR

Emphasizes mathematical structure, precise language, and an analytical approach to integrate and extend the concepts and skills of trigonometry, elementary analysis, and analytical geometry. Provides opportunities for a variety of applications. Integrates technology for problem solving involving topics of Functions, Rates, and Patterns, Algebra and Geometry, Exponential and Logarithmic Functions, Trigonometry, Limits and Rate of Change of Functions, Exploring Other Coordinate Systems, Sequences and Series.

M44 ALGEBRAIC REASONING - Tier III

TSDS PEIMS CODE: 03102540

Grade Levels: 10-12

Credit: 1

Prerequisite: Algebra I

Students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods and modeling from data using tools that build t workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

M47 STATISTICS AP # - Tier V

TSDS PEIMS CODE: A3100200

Grade Levels: 9-12

Credit: 1

Prerequisite: Algebra II

Provides an introduction to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Four major themes are covered: exploratory analysis, planning a study, probability, and statistical inference. Provides college-level learning experiences for students who wish to pursue the AP examination.

M42 STATISTICS DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03102530

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 1

Del Mar College Course Title:

MATH 1342. Elementary Statistical Methods - 3 hours

Prerequisite: Algebra II or Algebra II Honors

Statistical description - frequency distributions, measures of location, variation; probability - basic rules, concepts of random variables and their distributions (including binomial and normal); statistical inference - confidence intervals, tests of hypotheses p-values, introduction to linear regression.

M90 COLLEGE ALGEBRA DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03102502

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 1

Del Mar College Course Title:

MATH 1314. College Algebra - 3 hours

Prerequisite: Algebra II

Quadratic equations, inequalities, graphs, logarithms and exponentials, theory of polynomial equations, and systems of equations. Counts as the mathematics component of the University Core Curriculum.

M45 CALCULUS AB AP # - Tier V

TSDS PEIMS CODE: A3100101

Grade Levels: 9-12
Credit: 1
Prerequisite: Pre-calculus

M46 CALCULUS BC AP # - Tier V
TSDS PEIMS CODE: A3100102
Grade Levels: 9-12
Credit: 1
Prerequisite: Calculus AB AP

Includes the study of derivatives, differentiation, and integration. Provides academic preparation for allied subject areas, such as physics, chemistry, and engineering. Provides college-level learning experiences for students who wish to pursue the AP examination.

M93.DTRIG TRIGONOMETRY DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 3102500
Grade Levels: 10-12
Credit: 1
Del Mar College Course Title:
MATH 1316 - Trigonometry
Prerequisite: Geometry & Algebra II

Trigonometric functions, identities, height and distance, equations involving trigonometric functions, solutions of triangles, area, vectors and their basic applications, and inverse functions.

M97 CALCULUS DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03102501
Grade Level: Meets CCISD Dual Credit application requirements
Credit: 1
Del Mar College Course Title:

MATH 2413. Calculus 1 - 4 hours

Prerequisite: Math 1314 and Math 1316 or permission of mathematics department chair

Limits, continuity, differentiation with applications, integration, definite integral with properties, and applications of integration.

XM1 INDEPENDENT STUDY IN MATHEMATICS (1st time taken) # - Tier V

TSDS PEIMS CODE: 03102500
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Algebra II and Geometry

XM2 INDEPENDENT STUDY IN MATHEMATICS (2nd time taken) # - Tier V

TSDS PEIMS CODE: 03102501
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Independent Study in Mathematics

Provides opportunities for capable and/or highly motivated mathematics students to earn credit through independent research and in-depth study of a self-selected topic.

MC1 COLLEGE PREPARATORY COURSE MATHEMATICS - Tier III

TSDS PEIMS CODE: CP111200
Grade Level: 12
Credit: 1

Prerequisite: Algebra I, Geometry and one additional foundation mathematics credit; satisfactory performance on the Algebra I End of Course exam; Principal Approval; Grade 11 students who have met all the prerequisites may enroll in the course

Courses designed for students at the 12th grade level whose performance on an EOC assessment instrument does not meet college readiness standards or whose performance on coursework, a college entrance examination, or an assessment instrument indicates that the student is not ready to perform entry-level college coursework. **College preparatory courses are eligible for state credit on the Foundation High School Program.** Successful completion of the course(s) will allow your student to receive a Texas Success Initiative (TSI) exemption, which means college developmental education courses will not be required if a student enrolls in a Region 1 or Region 2 (Coastal Bend) higher education institution within 24 months from the day of graduation.

MATHEMATICS LOCAL CREDIT COURSES

The following local credit courses do not count toward the mathematics credits required for graduation. Credit in X03, X99, MZ7, MZ7A, and MZ7B will count as **local credit only**.

X03 STAAR REVIEW MATHEMATICS Tier II

TSDS PEIMS CODE: 84100STR

Grade Levels: 9-12
Credit: 0.5 local
Prerequisite: Assigned by Principal

Specially designed to help students gain the knowledge and skills needed to experience success on the mathematics section of the EOC/STAAR exams. **This course will not count toward state elective graduation credit.**

X99 SAT/ACT PREP MATHEMATICS - Tier II

TSDS PEIMS CODE: 84100SAT
Grade Levels: 10-12
Credit: 0.5 local
Prerequisite: None

A course specially designed to help students prepare for the SAT and ACT college entrance tests. **This course will not count toward state elective graduation credit.**

MZ7 ALGEBRA I SUPPORT - Tier II

TSDS PEIMS CODE: 84100A1S
Grade Levels: 9-12
Credit: 1 local
Prerequisite: Assigned by Principal

Algebra I support math TEKS for Algebra I foundation in depth study, equations, multiple representations for linear quadratic functions.

This course is designed to remediate and accelerate students who have failed to demonstrate proficiency on the Grade 8 STAAR state exam. **This course will not count toward state elective graduation credit.**

NJROTC

A maximum of four (4) state graduation credits are allowed for NJROTC. Grade levels suggested may vary depending on campus scheduling.

PX1 SUBJ 1, NJROTC1 - Tier III

TSDS PEIMS CODE: PES00004
Grade Levels: 9-12
Credit: 1
Prerequisite: None

Presents an introduction to leadership development and prepares the student for a future as an informed and responsible citizen. Promotes habits of orderliness and precision. Familiarizes students with the concepts of leadership and individual discipline. Introduces military courtesies, customs, and traditions. Begins instruction in basic military skills and military history. Upon successful completion of NJROTC 1, PE substitution credit will be awarded instead of JROTC credit.

X72 NJROTC2 - Tier III

TSDS PEIMS CODE: 03160200
Grade Levels: 10-11
Credit: 1
Prerequisite: NJROTC 1

Emphasizes leadership ability and development through study. Offers opportunities for practical leadership experiences and development of respect for constituted authority. Provides introductory instruction in marksmanship; and continues instruction in basic military skills and military history.

X73 NJROTC 3 - Tier III

TSDS PEIMS CODE: 03160300
Grade Levels: 11-12
Credit: 1
Prerequisite: NJROTC 2

Stresses continued leadership development. Offers opportunities for practical leadership experience and development of a high degree of personal honor and self-reliance. Develops appreciation for teamwork and problem solving. Familiarizes students with occupational opportunities in military service.

X74 NJROTC 4 - Tier III

TSDS PEIMS CODE: 03160400
Grade Level: 12
Credit: 1
Prerequisite: NJROTC 3

Provides opportunities for advanced leadership and instructional experiences. Emphasizes understanding of staff duties, basic elements and requirements for national security, and need for constituted authority in a democratic society. Explores in greater depth the career opportunities available in military service.

PHYSICAL EDUCATION AND ATHLETICS

Students may earn no more than four (4) credits in state-approved physical education courses toward state graduation requirements. Any credits earned over and above four (4) credits will be for local credit.

Students may substitute credit in the following courses for the required credits in physical education: Drill Team, Marching Band, Cheerleading, NJROTC, and Athletics. Drill Team, Marching Band, and Cheerleading may only be substituted during the fall semester. Course-offering transfers are not provided for physical education courses.

P81A FOUNDATIONS OF PERSONAL FITNESS A - Tier III

TSDS PEIMS CODE: PES00052
Grade Levels: 9-12
Credit: 0.5
Prerequisite: None

P81B FOUNDATIONS OF PERSONAL FITNESS B - Tier III

TSDS PEIMS CODE: PES00052
Grade Levels: 9-12
Credit: 0.5
Prerequisite: None

Helps students understand the need for physical fitness; prepares students to assess, develop, demonstrate, and maintain an acceptable level of health-related fitness; and provides students with knowledge and tools to allow them to develop a personal plan for a lifestyle of active living.

P81AM FOUNDATIONS OF PERSONAL FITNESS-MARTIAL ARTS -Tier III

TSDS PEIMS CODE: PES00052
Grade Levels: 9-12
Credit: 0.5
Prerequisite: None

P81BM FOUNDATIONS OF PERSONAL FITNESS-MARTIAL ARTS - Tier III

TSDS PEIMS CODE: PES00052
Grade Levels: 9-12
Credit: 0.5
Prerequisite: None

Through active participation in martial arts the students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. No special equipment or uniform is required for this course. (Behavior and participation will be the determining factor for continued enrollment in this course. Students will be enrolled in a regular PE class if behavior or participation becomes an issue).

P85A FOUNDATIONS OF PERSONAL FITNESS ADAPTED A - Tier I

TSDS PEIMS CODE: PES00052
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Committee Approval

P85B FOUNDATIONS OF PERSONAL FITNESS ADAPTED B - Tier I

TSDS PEIMS CODE: PES00052
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Committee Approval

Assists students whose physical disabilities prohibit successful participation in the general physical education program. Provides opportunities for participation in a variety of games, sports, and developmental activities designed to meet individual needs.

P84A INDIVIDUAL SPORTS OR TEAM SPORTS A - Tier III

TSDS PEIMS CODE: PES00055
Grade Levels: 10-12
Credit: 0.5
Prerequisite: Foundations of Personal Fitness

P84B INDIVIDUAL SPORTS OR TEAM SPORTS B – Tier III

TSDS PEIMS CODE: PES00055

Grade Levels: 10-12

Credit: 0.5

Prerequisite: Foundations of Personal Fitness

Students acquire movement, knowledge, and skills that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. Students may select from the following list of individual sports that can be pursued for a lifetime:

- Tennis
- Badminton
- Cycling
- Golf
- Track & Field
- Softball
- Basketball
- Speedball
- Volleyball
- Soccer
- Field/In-Line Hockey
- Gymnastics, Tumbling
- Wrestling & Weight Lifting
- Disc Games/Ultimate Frisbee
- Flag Football

P84AO INDIVIDUAL OR TEAM SPORTS: OFFICIATING- Tier III

TSDS PEIMS CODE: PES00055

Grade Level: 10-12

Credit: 0.5

Prerequisite: Foundations of Personal Fitness

P84BO INDIVIDUAL OR TEAM SPORTS: OFFICIATING - Tier III

TSDS PEIMS CODE: PES00055

Grade Level: 10-12

Credit: 0.5

Prerequisite: Foundations of Personal Fitness

Students enrolled in Team Sports: Officiating are expected to develop health-related fitness and an appreciation for team work and fair play. As well as acquiring the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle.

● **Note:** *Scheduling of individual and team sports is a campus-based decision, subject to the availability of facilities and appropriate course enrollments.*

STATE-APPROVED ELECTIVE COURSES

In each of the following electives, the designated activity will receive major emphasis in addition to such sports and physical fitness activities as prescribed by the TEKS and specified in state- approved courses.

P83A AEROBIC ACTIVITIES Tier III

TSDS PEIMS CODE: TSDS PEIMS CODE: PES00054

Grade Levels: 10-12

Credit: 0.5

Prerequisite: Foundation of Personal Fitness

P83A.LS AEROBIC ACTIVITIES ADAPTED - Tier I

TSDS PEIMS CODE: PES00054

Grade Levels: 10-12

Credit: 0.5

Prerequisite: Foundation of Personal Fitness; Committee Approval

P83B AEROBIC ACTIVITIES - Tier III

TSDS PEIMS CODE: PES00054

Grade Levels: 10-12

Credit: 0.5

Prerequisite: Foundation of Personal Fitness

P83B.LS AEROBIC ACTIVITIES ADAPTED - Tier I

TSDS PEIMS CODE: PES00054

Grade Levels: 10-12

Credit: 0.5

Prerequisite: Foundation of Personal Fitness, Committee Approval

Introduces aerobic activities with emphasis on the development of strength, agility, and cardiorespiratory endurance.

P82A ADVENTURE/OUTDOOR EDUCATION A - Tier III

TSDS PEIMS CODE: PES00053
Grade Levels: 10-12
Credit: 0.5
Prerequisite: Foundation of Personal Fitness

P82B ADVENTURE/OUTDOOR EDUCATION B - Tier III

TSDS PEIMS CODE: PES00053
Grade Levels: 10-12
Credit: 0.5
Prerequisite: Foundation of Personal Fitness

Offers outdoor activities that provide opportunities for enjoyment, challenge, and respect for the environment.

**STATE-APPROVED EQUIVALENCY COURSES: ATHLETICS/
CHEERLEADING/DRILL TEAM**

PC1A PE SUBSTITUTION CHEERLEADING A - Tier III

TSDS PEIMS CODE: PES00013
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Instructor Approval

PC1B PE SUBSTITUTION CHEERLEADING B - Tier III

TSDS PEIMS CODE: PES00013
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Instructor Approval

Provides an opportunity to develop physical, behavioral, social, and creative skills in performance at athletic events. Promotes the development of leadership, cooperation, self-confidence, self-discipline, poise, and responsibility.

PC5A CHEERLEADING II, III, IV A PE SUBSTITUTION - HS LOCAL - Tier II

TSDS PEIMS CODE: 84200CHL
Grade Levels: 10-12
Credit: 0.5
Prerequisite: Instructor Approval

PC5B CHEERLEADING II, III, IV B PE SUBSTITUTION - HS LOCAL - Tier II

TSDS PEIMS CODE: 84200CHL
Grade Levels: 10-12
Credit: 0.5
Prerequisite: Instructor Approval

Provides an opportunity to develop physical, behavioral, social, and creative skills in performance at athletic events. Promotes the development of leadership, cooperation, self-confidence, self-discipline, poise, and responsibility.

PD1A PE SUBSTITUTION DRILL TEAM A - Tier III

TSDS PEIMS CODE: PES00014
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Instructor Approval

PD1B PE SUBSTITUTION DRILL TEAM B - Tier III

TSDS PEIMS CODE: PES00014
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Instructor Approval

Provides an opportunity to develop physical, behavioral, social, and creative skills in performance at athletic events. Promotes the development of leadership, cooperation, self-confidence, self-discipline, poise, and responsibility.

PD0A DRILL TEAM II, III, IV A PE SUBSTITUTION - HS LOCAL - Tier II

TSDS PEIMS CODE: 84200DTL
Grade Levels: 10-12
Credit: 0.5
Prerequisite: Instructor Approval

PD0B DRILL TEAM II, III, IV B PE SUBSTITUTION - HS LOCAL - Tier II

TSDS PEIMS CODE: 84200DTL
Grade Levels: 10-12
Credit: 0.5
Prerequisite: Instructor Approval

Provides an opportunity to develop physical, behavioral, social, and creative skills in performance at athletic events. Promotes the development of leadership, cooperation, self-confidence, self-discipline, poise, and responsibility.

PD5 AEROBIC ACTIVITIES with DANCE 1 - Tier III

TSDS PEIMS CODE: PES00054
Grade Levels: 9-12
Credit: 1 State PE
Prerequisite: None

Provides instruction in dance. Includes development of creative potential and appreciation of various dance forms, as well as development of dance movements. May require out-of-school practices, performances, and/or extracurricular activities. **PE Course Scheduled in the After School Program**

PB1A PE SUBSTITUTION ATHLETICS 1-A BASEBALL - Tier III

TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PB1B PE SUBSTITUTION ATHLETICS 1-B BASEBALL - Tier III

TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PB2A PE SUBSTITUTION ATHLETICS 2-A BASEBALL - Tier III

TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PB2B PE SUBSTITUTION ATHLETICS 2-B BASEBALL - Tier III

TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PB3A PE SUBSTITUTION ATHLETICS 3-A BASEBALL - Tier III

TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PB3B PE SUBSTITUTION ATHLETICS 3-B BASEBALL - Tier III

TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PB4A PE SUBSTITUTION ATHLETICS 4-A BASEBALL- Tier III

TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 5
Prerequisite: Coach Approval

PB4B PE SUBSTITUTION ATHLETICS 4-B BASEBALL - Tier III

TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

Fields baseball teams at the varsity, and junior varsity levels. Includes spring competition, pre-season conditioning, instruction, and post-season training. Provides athletic periods for all teams.

PL1A PE SUBSTITUTION ATHLETICS 1-A BASKETBALL, BOYS - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL1B PE SUBSTITUTION ATHLETICS 1-B BASKETBALL, BOYS - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL2A PE SUBSTITUTION ATHLETICS 2-A BASKETBALL, BOYS - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL2B PE SUBSTITUTION ATHLETICS 2-B BASKETBALL, BOYS - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12C
 Credit: 0.5
 Prerequisite: Coach Approval

PL3A PE SUBSTITUTION ATHLETICS 3-A BASKETBALL, BOYS - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL3B PE SUBSTITUTION ATHLETICS 3-B BASKETBALL, BOYS - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL4A PE SUBSTITUTION ATHLETICS 4-A BASKETBALL, BOYS -Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL4B PE SUBSTITUTION ATHLETICS 4-B BASKETBALL, BOYS - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL6A PE SUBSTITUTION ATHLETICS 1-A BASKETBALL, GIRLS - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL6B PE SUBSTITUTION ATHLETICS 1-B BASKETBALL, GIRLS - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL7A PE SUBSTITUTION ATHLETICS 2-A BASKETBALL, GIRLS - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL7B PE SUBSTITUTION ATHLETICS 2-B BASKETBALL, GIRLS - Tier III
 TSDS PEIMS CODE: PES00001

Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL8A PE SUBSTITUTION ATHLETICS 3-A BASKETBALL, GIRLS - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL8B PE SUBSTITUTION ATHLETICS 3-B BASKETBALL, GIRLS - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL9A PE SUBSTITUTION ATHLETICS 4-A BASKETBALL, GIRLS - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PL9B PE SUBSTITUTION ATHLETICS 4-B BASKETBALL, GIRL - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

Fields basketball teams at the varsity, junior varsity, and freshman levels. Includes fall conditioning and instruction, regular season play, and postseason training. Provides athletic periods for all teams.

PF1A PE SUBSTITUTION ATHLETICS 1-A FOOTBALL - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PF1B PE SUBSTITUTION ATHLETICS 1-B FOOTBALL - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PF2A PE SUBSTITUTION ATHLETICS 2-A FOOTBALL - Tier III
 PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PF2B PE SUBSTITUTION ATHLETICS 2-B FOOTBALL - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit 0.5 credit
 Prerequisite: Coach Approval

PF3A PE SUBSTITUTION ATHLETICS 3-A FOOTBALL – Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PF3B PE SUBSTITUTION ATHLETICS 3-B FOOTBALL - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PF4A PE SUBSTITUTION ATHLETICS 4-A FOOTBALL – Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12

Credit: 0.5
Prerequisite: Coach Approval

PF4B PE SUBSTITUTION ATHLETICS 4-B FOOTBALL – Tier III
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
Fields football teams at the varsity, junior varsity, and freshman levels. Includes fall competition and spring strength training and instruction. Provides athletic periods for all teams.

PG1A PE SUBSTITUTION ATHLETICS 1-A GOLF – Tier III
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PG1B PE SUBSTITUTION ATHLETICS 1-B GOLF – Tier III
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PG2A PE SUBSTITUTION ATHLETICS 2-A GOLF – Tier III
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PG2B PE SUBSTITUTION ATHLETICS 2-B GOLF – Tier III
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PG3A PE SUBSTITUTION ATHLETICS 3-A GOLF - Tier III
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PG3B PE SUBSTITUTION ATHLETICS 3-B GOLF – Tier III
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: **0.5**
Prerequisite: Coach Approval

PG4A PE SUBSTITUTION ATHLETICS 4-A GOLF – Tier III
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PG4B PE SUBSTITUTION ATHLETICS 4-B GOLF – Tier III
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
Fields varsity, junior varsity, and freshman level golf teams for girls and boys. Provides a competitive program for experienced players. Provides athletic periods for all teams.

PN1A PE SUBSTITUTION ATHLETICS 1-A TENNIS – 3
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PN1B PE SUBSTITUTION ATHLETICS 1-B TENNIS – Tier III
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PN2A PE SUBSTITUTION ATHLETICS 2-A TENNIS – Tier III
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PN2B PE SUBSTITUTION ATHLETICS 2-B TENNIS - Tier III
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 5
Prerequisite: Coach Approval

PN3A PE SUBSTITUTION ATHLETICS 3-A TENNIS - Tier III
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PN3B PE SUBSTITUTION ATHLETICS 3-A TENNIS - Tier III
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PN4A PE SUBSTITUTION ATHLETICS 4-A TENNIS - Tier III
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PN4B PE SUBSTITUTION ATHLETICS 4-B TENNIS - Tier III
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
Fields varsity, junior varsity, and freshman level tennis teams for boys and girls. Provides a competitive program for experienced players. Provides athletic periods for all teams.

PT1A PE SUBSTITUTION ATHLETICS 1-A TRACK – Tier III
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PT1B PE SUBSTITUTION ATHLETICS 1-B TRACK - Tier III
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: **0.5**
Prerequisite: Coach Approval

PT2A PE SUBSTITUTION ATHLETICS 2-A TRACK - Tier III
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PT2B PE SUBSTITUTION ATHLETICS 2-B TRACK - Tier III
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

PT3A PE SUBSTITUTION ATHLETICS 3-A TRACK - Tier III
 TSDS PEIMS CODE: PES00002
 TRACK
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT3B PE SUBSTITUTION ATHLETICS 3-B TRACK - Tier III
PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT4A PE SUBSTITUTION ATHLETICS 4-A TRACK - Tier III
PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT4B PE SUBSTITUTION ATHLETICS 4-B TRACK - Tier III
PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval
 Fields track teams at the varsity, junior varsity, and freshman levels. Emphasizes fall conditioning and a spring competitive season that includes field events, middle- and long-distance runs, and sprints. Provides athletic periods for all teams.

PT6A PE SUBSTITUTION ATHLETICS 1-A CROSS-COUNTRY - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT6B PE SUBSTITUTION ATHLETICS 1-B CROSS-COUNTRY - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT7A PE SUBSTITUTION ATHLETICS 2-A CROSS-COUNTRY - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT7B PE SUBSTITUTION ATHLETICS 2-B CROSS-COUNTRY - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT8A PE SUBSTITUTION ATHLETICS 3-A CROSS-COUNTRY - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT8B PE SUBSTITUTION ATHLETICS 3-B CROSS COUNTRY – Tier III
 TSDS PEIMS CODE: PES00002
CROSS-COUNTRY - Tier III
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT9A PE SUBSTITUTION ATHLETICS 4-A CROSS-COUNTRY - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PT9B PE SUBSTITUTION ATHLETICS 4-B CROSS COUNTRY – Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval
 Fields cross-country teams in the fall program for varsity, junior varsity, and freshman levels. Provides athletic periods for all teams.

PM1A PE SUBSTITUTION ATHLETICS 1-A SWIMMING -Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PM1B PE SUBSTITUTION ATHLETICS 1-B SWIMMING - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PM2A PE SUBSTITUTION ATHLETICS 2-A SWIMMING - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PM2B PE SUBSTITUTION ATHLETICS 2-B SWIMMING - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PM3A PE SUBSTITUTION ATHLETICS 3-A SWIMMING Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PM3B PE SUBSTITUTION ATHLETICS 3-B SWIMMING - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PM4A PE SUBSTITUTION ATHLETICS 4-A SWIMMING - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PM4B PE SUBSTITUTION ATHLETICS 4-B SWIMMING - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval
 Fields varsity and junior varsity level swim teams for both boy and girls. Provides athletic period for all teams.

PM6A PE SUBSTITUTION ATHLETICS 1-A DIVING - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PM6B PE SUBSTITUTION ATHLETICS 1-B DIVING -Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5

Prerequisite: Coach Approval

- PM7A PE SUBSTITUTION ATHLETICS 2-A DIVING - Tier III**
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PM7B PE SUBSTITUTION ATHLETICS 2-B DIVING - Tier III**
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PM8A PE SUBSTITUTION ATHLETICS 3-A DIVING - Tier III**
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PM8B PE SUBSTITUTION ATHLETICS 3-B DIVING - Tier III**
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PM9A PE SUBSTITUTION ATHLETICS 4-A DIVING – Tier III**
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PM9B PE SUBSTITUTION ATHLETICS 4-B DIVING -Tier III**
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- Fields varsity and junior varsity level dive teams for both boys and girls.
Provides athletic period for all teams.
- PS1A PE SUBSTITUTION ATHLETICS 1-A SOCCER, BOYS - Tier III**
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS1B PE SUBSTITUTION ATHLETICS 1-B SOCCER, BOYS - Tier III**
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS2A PE SUBSTITUTION ATHLETICS 2-A SOCCER, BOYS - Tier III**
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS2B PE SUBSTITUTION ATHLETICS 2-B SOCCER, BOYS - Tier III**
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS3A PE SUBSTITUTION ATHLETICS 3-A SOCCER, BOYS -Tier III**
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5

Prerequisite: Coach Approval

- PS3B PE SUBSTITUTION ATHLETICS 3-B SOCCER, BOYS -Tier III**
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS4A PE SUBSTITUTION ATHLETICS 4-A SOCCER, BOYS - Tier III**
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS4B PE SUBSTITUTION ATHLETICS 4-B SOCCER, BOYS - Tier III**
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS6A PE SUBSTITUTION ATHLETICS 1-A SOCCER, GIRLS - Tier III**
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS6B PE SUBSTITUTION ATHLETICS 1-B SOCCER, GIRLS - Tier III**
TSDS PEIMS CODE: PES00000
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS7A PE SUBSTITUTION ATHLETICS 2-A SOCCER, GIRLS - Tier III**
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS7B PE SUBSTITUTION ATHLETICS 2-B SOCCER, GIRLS - Tier III**
TSDS PEIMS CODE: PES00001
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS8A PE SUBSTITUTION ATHLETICS 3-A SOCCER, GIRLS - Tier III**
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS8B PE SUBSTITUTION ATHLETICS 3-B SOCCER, GIRLS - Tier III**
TSDS PEIMS CODE: PES00002
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS9A PE SUBSTITUTION ATHLETICS 4-A SOCCER, GIRLS - Tier III**
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval
- PS9B PE SUBSTITUTION ATHLETICS 4-B SOCCER, GIRLS - Tier III**
TSDS PEIMS CODE: PES00003
Grade Levels: 9-12
Credit: 0.5
Prerequisite: Coach Approval

Fields soccer teams at the varsity and junior varsity levels. Includes preseason conditioning and instruction, regular season play, and post-season training. Provides athletic periods for all teams.

PB6A PE SUBSTITUTION ATHLETICS 1-A SOFTBALL - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB6B PE SUBSTITUTION ATHLETICS 1-B SOFTBALL – Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB7A PE SUBSTITUTION ATHLETICS 2-A SOFTBALL - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB7B PE SUBSTITUTION ATHLETICS 2-B SOFTBALL -Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB8A PE SUBSTITUTION ATHLETICS 3-A SOFTBALL -Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB8B PE SUBSTITUTION ATHLETICS 3-B SOFTBALL -Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB9A PE SUBSTITUTION ATHLETICS 4-A SOFTBALL -Tier III
 PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB9B PE SUBSTITUTION ATHLETICS 4-B SOFTBALL -Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

Fields softball teams at the varsity and junior varsity levels. Includes preseason conditioning and instruction, regular season play and post-season training. Provides athletic periods for all teams.

PV1A PE SUBSTITUTION ATHLETICS 1-A VOLLEYBALL -Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PV1B PE SUBSTITUTION ATHLETICS 1-B VOLLEYBALL - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PV2A PE SUBSTITUTION ATHLETICS 2-A VOLLEYBALL -Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5

Prerequisite: Coach Approval

PV2B PE SUBSTITUTION ATHLETICS 2-B VOLLEYBALL -Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PV3A PE SUBSTITUTION ATHLETICS 3-A VOLLEYBALL -Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PV3B PE SUBSTITUTION ATHLETICS 3-B VOLLEYBALL -Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PV4A PE SUBSTITUTION ATHLETICS 4-A VOLLEYBALL -Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PV4B PE SUBSTITUTION ATHLETICS 4-B VOLLEYBALL -Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

Fields volleyball teams at the varsity, junior varsity, and freshman levels. Includes fall competition, preseason conditioning, instruction, regular season play and post-season training. Provides athletic periods for all teams.

PW1A PE SUBSTITUTION ATHLETICS 1-A WRESTLING, BOYS - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW1B PE SUBSTITUTION ATHLETICS 1-B WRESTLING, BOYS - Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW2A PE SUBSTITUTION ATHLETICS 2-A WRESTLING, BOYS - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW2B PE SUBSTITUTION ATHLETICS 2-B WRESTLING, BOYS - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW3A PE SUBSTITUTION ATHLETICS 3-A WRESTLING, BOYS - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW3B PE SUBSTITUTION ATHLETICS 3-B WRESTLING, BOYS - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW4A PE SUBSTITUTION ATHLETICS 4-A WRESTLING, BOYS - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW4B PE SUBSTITUTION ATHLETICS 4-B WRESTLING, BOYS - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW6A PE SUBSTITUTION ATHLETICS 1-A WRESTLING, GIRLS – Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW6B PE SUBSTITUTION ATHLETICS 1-B WRESTLING, GIRLS – Tier III
 TSDS PEIMS CODE: PES00000
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW7A PE SUBSTITUTION ATHLETICS 2-A WRESTLING, GIRLS - Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW7B PE SUBSTITUTION ATHLETICS 2-B WRESTLING, GIRLS - Tier III
 TSDS PEIMS CODE: PES00001
WRESTLING, GIRLS - Tier III
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW8A PE SUBSTITUTION ATHLETICS 3-A WRESTLING, GIRLS - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12

Credit: 0.5
 Prerequisite: Coach Approval

PW8B PE SUBSTITUTION ATHLETICS 3-B WRESTLING, GIRLS - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW9A PE SUBSTITUTION ATHLETICS 4-A WRESTLING, GIRLS - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval

PW9B PE SUBSTITUTION ATHLETICS 4-B WRESTLING, GIRLS – Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 9-12
 Credit: 0.5
 Prerequisite: Coach Approval
 Fields wrestling teams at the varsity, junior varsity, and freshman levels. Includes preseason conditioning and instruction, regular season matches and post-season training. Provides athletic periods for all teams.

PO1A PE SUBSTITUTION MARCHING BAND - Tier III
 TSDS PEIMS CODE: PES00012
 Grade Levels: 9-12
 Credit: 0.5
 Marching Band as PE substitute—fall semester only.

PO1B PE SUBSTITUTION MARCHING BAND – Tier III
 TSDS PEIMS CODE: PES00012
 Grade Levels: 9-12
 Credit: 0.5
 Marching Band as PE substitute—fall semester only.

The Corpus Christi Independent School District’s (CCISD) Off-Campus Physical Education Equivalent

Program provides an opportunity for students in grades 6-12 to receive credit for participation in an **off-campus, physical education/athletic program**. CCISD is authorized by the Texas Education Agency (TEA) to substitute participation in private or commercially sponsored athletic/training programs for the CCISD middle school physical education requirement and the state-required high school physical education graduation credit.

Waiver requests will be considered for the CCISD middle school physical education requirement and the state-required high school physical education graduation credit according to the TEA Commissioner’s criteria for Category 1 and Category 2 physical education waivers. Waiver requests must also meet the CCISD criteria, which are designed to ensure the safety and well-being of each student seeking a PE waiver.

The Instructional Support Department will be responsible for supervising the waiver standards to assure that each student receives a quality, off-campus physical education/athletic program. The Physical Education Waiver program is an approved substitution to meet the Physical Education requirements set by CCISD and TEA.

To assist us in making decisions as to whether a waiver may be granted, we will follow the guidelines of TEA in interpreting the law as stated in Texas Administrative Code (TAC) Chapter 74: It is the intention of the Texas Education Agency that the various off campus substitutes for the physical education high school graduation requirement be “appropriate” for Category 2 and of “exceptional” or “high” quality for Category 1. The term “appropriate,” implies, among other things, **that the substitute activity is in congruence with the Physical Education Texas Essential Knowledge and Skills (TEKS) as closely as possible, if not above and beyond the rigor of the standards.**

The CCISD Health/Physical Education Department must approve the program, agency, and instructor(s) before the student's application will be approved. A list of approved agencies will be available updated at the end of each school year on the CCISD website: <http://www.CCISD.us>. The following list is the current approved programs and instructors.

Off Campus Equivalency Physical Education Program course will not count in Corpus Christi Independent School District Rank.

Approved Off Campus P.E. Agencies

	Activity	Program	Instructor	Address	Phone/Email	Approval Ends after Summer
1	Dance/Ballet	Munro Ballet	Christina Munro	5610 Everhart CC, TX 78411	Dance@munroballetstudios.com (361)991-6151	2025
2	Zumba	Zumama	Esmeralda McGee	CCEC 3126 Holly Rd. CC, TX 78415	ortizmegee@yahoo.com (361)500-5974	2025
3	Martial Arts	Life Martial Arts	Kevin Roberts	4929 Everhart St. CC, TX 78411	Kevinroberts.lma@gmail.com (361)723-0418	2025
4	Gymnastics	Mary Jane's Gymnastics	Mary Jane	5102 Jean CC, TX 78411	maryjanesiebenthall@yahoo.com (361)438-4133	2025
5	Gymnastics	Northwest Kids Sports Complex	Shane Sanders	12212 Leopard St. CC, TX 78410	nwk@nwksports.com (361)241-0952	2025

PY1A P.E. Substitution Non-District Program

TSDS PEIMS CODE: PES00008
Grade Level: 9th
Credit: 0.5

PY1B P.E. Substitution Non-District Program

TSDS PEIMS CODE: PES00008
Grade Level: 9th
Credit: 0.5

PY2A P.E. Substitution Non-District Program

TSDS PEIMS CODE: PES00009
Grade Level: 10th
Credit: 0.5

PY2B P.E. Substitution Non-District Program

TSDS PEIMS CODE: PES00009
Grade Level: 10th
Credit: 0.5

PY3A P.E. Substitution Non-District Program

TSDS PEIMS CODE: PES00010
Grade Level: 11th
Credit: 0.5

PY3B P.E. Substitution Non-District Program

TSDS PEIMS CODE: PES00010
Grade Level: 11th
Credit: 0.5

PY4A P.E. Substitution Non-District Program

TSDS PEIMS CODE: PES00011
Grade Level: 12th
Credit: 0.5

PY4B P.E. Substitution Non-District Program

TSDS PEIMS CODE: PES00011
Grade Level: 12th
Credit: 0.5

READING

D20.RWD SSI READING: REWARDS – Tier III

TSDS PEIMS Code: 03270700
Grade Level: 9
Credit: 1
Prerequisite: None

Placement in this class is determined based on academic achievement and State reading assessment scores. The purpose of this course is to build reading success through an intensive, structured, and spiraling curriculum. Students learn decoding and word meaning strategies by identifying

syllable types and the meanings of Greek and Latin word parts. Instruction supports students in meeting the knowledge demands of increasingly complex text. Students engage in interactive text-based discussions, write in response to reading, and cite evidence when answering text dependent questions orally and in writing.

D20.SBI READING I SBI - Tier III

TSDS PEIMS Code: 3270700

Grade Level: 10

Credit: 1

Prerequisite: Committee Approval

D22 COLLEGE READINESS AND STUDY SKILLS - Tier III

TSDS PEIMS CODE: 03270100

Grade Level: 9

Credit: 0.5

Prerequisite: Passing score on Grade 8 STAAR Reading test

Provides instruction for American College Test (ACT), Preliminary Scholastic Assessment Test (PSAT), and Scholastic Assessment Test (SAT) college entrance examinations. Develops study skills and organizational strategies. Emphasizes college-preparation reading skills. Develops higher-level, critical-reading and critical- thinking skills that enable the reader to go beyond the literal meaning of the author. Utilizes study techniques by increasing reading rate while maintaining a high degree of reading comprehension.

D40 READING 1: ESL - Tier III

TSDS PEIMS CODE: 03270700

Grade Levels: 9-12

Credit: 1

Prerequisite: Identified English as a Second Language (ESL) Student

Specially designed for students whose primary language is not English. Emphasizes individual improvement in reading comprehension, vocabulary development, reading rate, study skills, and reading for pleasure. Provides intensive teacher- directed instruction in the fundamental reading and writing skills through literature-based instruction. Promotes student growth through a variety of oral and silent reading activities.

D24 READING 2 - Tier III

TSDS PEIMS CODE: 03270800

Grade Levels: 10-12

Credit: 1

D34 READING 2-1 - Tier III

TSDS PEIMS CODE: 03270800

Grade Levels: 10-12

Credit: 0.5

D35 READING 2-2 - Tier III

TSDS PEIMS CODE: 03270800

Grade Levels: 10-12

Credit: 0.5

Prerequisite: Reading 1: Study Skills and failure to pass most recent STAAR Reading test

Specially designed for at-risk students and students in need of remedial instruction. Provides instruction in the fundamental reading and writing skills through literature-based instruction. Develops proficiency in oral and written communication, including the use of visual, kinesthetic, and auditory media in reading activities. Emphasizes student application of a variety of study strategies to practical situations, including materials and assignments from other classes in which students are enrolled.

D41 READING 2: ESL - Tier III

TSDS PEIMS CODE: 03270800

Grade Levels: 10-12

Credit: 1

Prerequisite: Identified ESL Student

Specially designed for students whose primary language is not English. Provides instruction in the fundamental reading and writing skills through literature-based instruction. Develops proficiency in oral and written communication, including the use of visual, kinesthetic, and auditory media in reading activities. Emphasizes student application of a variety of study strategies to practical situations, including materials and assignments from other classes in which students are enrolled.

D26 READING 3 - Tier III

TSDS PEIMS CODE: 03270900

Grade Levels: 11-12

Credit: 1

D26A READING 3-1 - Tier III
TSDS PEIMS CODE: 03270900
Grade Levels: 11-12
Credit: 0.5

D26B READING 3-2 - Tier III
TSDS PEIMS CODE: 03270900
Grade Levels: 11-12
Credit: 0.5

Prerequisite: Failure to pass most recent STAAR Reading test

Specially designed for at-risk students and students in need of remedial instruction. Provides varied instructional activities in the fundamental reading and writing skills through literature-based instruction. Emphasizes oral and written communication, including the use of visual, auditory, kinesthetic, and tactile learning styles. Emphasizes student application of a variety of study strategies to practical solutions.

D20.SBI READING I SBI - Tier III
TSDS PEIMS Code: 03270700
Grade Level: 10
Credit: 1
Prerequisite: Committee Approval

D24.SBI READING II SBI - Tier III
TSDS PEIMS Code: 03270800
Grade Level: 11
Credit: 1
Prerequisite: Committee Approval

D26.SBI READING III SBI - Tier III
TSDS PEIMS Code: 03270900
Grade Level: 12
Credit: 1
Prerequisite: Committee Approval

Provides instruction in fundamental skills utilizing a multi-sensory approach. Develops facility in oral and written communication. Emphasizes student application of a variety of study strategies to practical situations, including materials and assignments from other classes in which students are enrolled. Focuses on recognizing major differences. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

D44 READING 1: SCIENTIFIC LANGUAGE 1 - Tier III
TSDS PEIMS CODE: 03270700
Grade Levels: 9-12
Credit: 1
Prerequisite: None

D45 READING 2: SCIENTIFIC LANGUAGE 2 - Tier III
TSDS PEIMS CODE: 03270800
Grade Levels: 10-12
Credit: 1
Prerequisite: Scientific Language 1

Provides training and practice in reading, spelling, written expression, reading comprehension, and verbal expression to those students displaying characteristics of dyslexia. Includes extensive listening and oral practice of language arts skills. Emphasizes the use of visual, auditory, and kinesthetic learning.

SCIENCE

To receive credit in all science courses, with the exception of Biotechnology, students must meet the 40% laboratory and fieldwork requirement.

S12 INTEGRATED PHYSICS AND CHEMISTRY -Tier III
TSDS PEIMS CODE: 03060201
Grade Levels: 9-10
Credit: 1
Prerequisite: None

Involves the study of atomic structures, combining properties of matter, states of matter, and properties of solutions and mixtures through laboratory and direct instructional experiences. Includes the study of energy transformations as related to mechanical, heat, sound, light, magnetic, and electrical phenomena. Integrates the concepts with life, earth, and space sciences, and develops skills in the processes of observing, recording, and interpreting data. Explores practical applications and career opportunities. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction to grade level TEKS through prerequisite skills.

S12INC INTEGRATED PHYSICS AND CHEMISTRY INC - Tier III

TSDS PEIMS CODE: 03060201

Grade Level: 9-10

Credit: 1

Prerequisite: Committee Approval

S42.DOR Physics 1 DUAL Enrollment UT ONRAMPS # - Tier V

TSDS PEIMS CODE: 03050000

Grade Level: Meets CCISD Dual Enrollment requirement at campus level

Credit: 1

On Ramps Course Title: Mechanics, Heat, and Sound

Physics 1301 Physics 1

3 hours

Prerequisite: Algebra I and Algebra II

Recommended Prerequisite: Passing score on Algebra I STAAR

Recommended Co-requisite: PreCalculus

Introduces big ideas in physics, such as Newtonian mechanics, which describes objects changing their state of motion because of forces causing them to accelerate. Topics are MECHANICS: Kinematics (description of motion), dynamics (forces, causes of motion), energy (kinetic and potential), gravitation, rotational motion, statics, and elasticity. OSCILLATIONS, WAVES, AND SOUND: Simple harmonic oscillator, traveling waves, standing waves, sound intensity, interference, and diffraction HEAT conduction, heat capacity, laws of thermodynamics, and engines. Elementary magnetism, electricity, light, sound and modern physics with some reference to the practical aspects of the principle studied.

S55.DORP SCIRD Physics Dual Enrollment UT ONRAMPS (First Time Taken) # (Tier V)

TSDS PEIMS CODE: 13037210

Grade Level: Meets CCISD Dual Enrollment requirement at campus level

Credit: 1

On Ramps Course Title: Mechanics, Heat, and Sound

Physics 1301 Physics 1

Prerequisite: Algebra I, Algebra II

Recommended Prerequisite: Passing score on Algebra I STAAR

Recommended Co-requisite: PreCalculus

For students who have already taken Physics or Physics AP

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. This course introduces big ideas in physics, such as Newtonian mechanics, which describes objects changing their state of motion because of forces causing them to accelerate. Topics are MECHANICS: Kinematics (description of motion), dynamics (forces, causes of motion), energy (kinetic and potential), gravitation, rotational motion, statics, and elasticity. OSCILLATIONS, WAVES, AND SOUND: Simple harmonic oscillator, traveling waves, standing waves, sound intensity, interference, and diffraction HEAT conduction, heat capacity, laws of thermodynamics, and engines. Elementary magnetism, electricity, light, sound and modern physics with some reference to the practical aspects of the principle studied.

XS1 INDEPENDENT STUDY IN SCIENCE (1st time taken) - Tier V

TSDS PEIMS CODE: 84800IS1

Grade Levels: 9-12

Credit: 0.5

XS2 INDEPENDENT STUDY IN SCIENCE (2nd time taken) - Tier V

TSDS PEIMS CODE: 84800IS2

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Teacher Approval

Provides opportunities for capable and/or highly motivated science students to earn local credit through independent research and in-depth study of a self-selected topic. Students may be required to present to a panel of experts in order to receive credit.

S20 EARTH AND SPACE SCIENCE - Tier III

TSDS PEIMS CODE: 03060200

Grade Levels: 11-12

Credit: 1

Prerequisite: Three units of science, one of which may be taken concurrently, and three units of mathematics, one of which may be taken concurrently.

Students will be expected to understand the relationships between the Earth, sun, and moon; other components in the universe may also be included, such as stars, nebulae, and comets. All the various cycles found on Earth will be taught, including the lunar, rock, nitrogen, water, and carbon cycles. Students will also be expected to predict the results of modifying cycles. Students will understand how natural and human activity can alter earth systems, including natural disasters, gradual land changes, and human impacts on soil, water, and air quality.

S24 BIOLOGY - Tier III

TSDS PEIMS CODE: 03010200

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Includes a study of the unity of living things by focusing on similarity and interrelatedness of cell structure, chemistry, energy transfer, and heredity of all organisms. Reviews the history of life and surveys microorganisms. Studies the adaptations of plants, animals, and humans necessary to carry out life processes. Examines human systems and ecological relationships within a biosphere. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

S24INC BIOLOGY INC -Tier III

TSDS PEIMS CODE: 03010200

Grade Level: 9-12

Credit: 1

Prerequisite: Committee Approval

S24.LT BIOLOGY LT -Tier I

TSDS PEIMS CODE: 03010207

Grade Level: 9-12

Credit: 1

Prerequisite: Approval required

S26 BIOLOGY PRE-AP # - Tier IV

TSDS PEIMS CODE: 03010200

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Provides opportunities for the capable and/or highly motivated student. Includes an in-depth study of the unity of living things by incorporating inquiry techniques, problem solving, and critical thinking. Strongly emphasizes field and laboratory observations, hypothesizing, experimenting, and interpreting data through graphic presentations and statistical evaluations.

S28 BIOLOGY 2 AP # - Tier V

TSDS PEIMS CODE: A3010200

Grade Levels: 9-12

Credit: 1

Prerequisite: Biology or concurrent enrollment in Chemistry

Provides college-level learning experiences for the students who wish to prepare for the AP examination.

S95 SCIENTIFIC RESEARCH AND DESIGN: BIOLOGY 2 DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 13037200

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 1

Del Mar College Course Title:

BIOL 1406. Biological Concepts I - Cellular and Molecular – 4 hours

Prerequisite: One year each of high school biology and chemistry, or concurrent enrollment in CHEM 1411

AND

BIOL 1407. Biological Concepts II - Evolution, Diversity, Structure, Function and Environment – 4hours

Prerequisite: BIOL 1406 or equivalent, or Instructor's permission.

Provides a foundation in biological concepts for students majoring in the sciences. Prepares students for careers with an emphasis in science such as medicine, dentistry, science research, science education, space technology, and nursing.

S30 CHEMISTRY - Tier III

TSDS PEIMS CODE: 03040000

Grade Levels: 9-12

Credit: 1

Prerequisite: Algebra I and high school science course.

Includes a descriptive study of matter and energy, atomic structure, chemical formulas, equations, bonding, kinetic theory, matter, gas laws, nuclear chemistry, and their mathematical relationships. Emphasizes the practical applications of the chemical subject matter presented. Includes properties of solids, liquids, and solutions, as well as some organic chemistry and qualitative analysis. Introduces the chemistry of acids, bases, salts, and redox reactions. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

S30INC CHEMISTRY INC - Tier III

TSDS PEIMS CODE: 03040000

Grade Levels: 9-12

Credit: 1

Prerequisite: Algebra I and high school science course; Committee Approval

S30.LS CHEMISTRY LS - Tier I

TSDS PEIMS CODE: 03040000

Grade Levels: 9-12

Credit: 1

Prerequisite: Algebra I and high school science course; Committee Approval

S32 CHEMISTRY PRE-AP # - Tier IV

TSDS PEIMS CODE: 03040000

Grade Levels: 9-12

Credit: 1

Prerequisite: Algebra I and high school science course.

Provides opportunities for the capable and highly motivated student. Includes fundamental chemical concepts such as gas laws, atomic structure, kinetics, equilibrium, and oxidation and reduction. Provides opportunities for students who exhibit the ability to handle complex scientific data. Prepares students for careers in science or engineering such as medicine, science research, dentistry, chemical engineering, and electrical engineering.

S34 CHEMISTRY 2 AP # - Tier V

TSDS PEIMS CODE: A3040000

Grade Levels: 10-12

Prerequisite: Chemistry

Includes an in-depth study of chemical concepts with laboratory emphasis and sufficient foundation in chemistry for students who wish to prepare for The College Board AP Examination.

S96 CHEMISTRY Dual Credit # - Tier V

Del Mar College Course Titles: CHEM 1411, General Inorganic Chemistry 1 - 4 hours

TSDS PEIMS CODE: A3040000

Grade Levels: 10-12

Prerequisite: Concurrent enrollment or credit in MATH 1314 or equivalent and CHEM 1412, General Inorganic Chemistry II - 4 hours

First Semester and second semester of freshman chemistry for students majoring in science, engineering, or medicine. Introduction to principles of chemistry, including the study of metals, nonmetals, compounds, chemical formulas, and equations, stoichiometry, gas laws, atomic structure, chemical bonding, thermochemistry, periodic properties and trends and the electrolytic behavior of solutions. High school credit will be awarded in Chemistry contingent upon the successful completion of BOTH CHEM 1411 and CHEM 1412.

S42 PHYSICS - Tier III

TSDS PEIMS CODE: 03050000

Grade Levels: 9-12

Credit: 1

Prerequisite: Algebra I

Introduces the principles of physics as they apply to mechanical, fluid, electrical, and thermal systems. Includes the observation of laws of force and motion, the nature of light, wave phenomena, and properties of electricity and magnetism. Promotes investigations that emphasize accurate observations, collection of data, analysis of data, and manipulation of laboratory apparatus and materials. Designed for students planning technical careers in science and mathematics. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

S42INC PHYSICS INC - Tier III

TSDS PEIMS CODE: 03050000

Grade Levels: 9-12

Credit: 1

Prerequisite: Chemistry; Committee Approval

S42.LS PHYSICS LS - Tier I

TSDS PEIMS CODE: 03050000

Grade Levels: 9-12

Credit: 1

Prerequisite: Algebra I; Committee Approval

S56 PHYSICS 1 ALGEBRA BASED AP # -Tier V

TSDS PEIMS CODE: A3050003

Grade Levels: 9-12

Credit: 1

Prerequisite: Algebra I

Recommended Prerequisite: Geometry and concurrent enrollment in Algebra II

This course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, power; and mechanical waves and sound. It will also introduce electric circuits.

S57 PHYSICS 2 ALGEBRA BASED AP # -Tier V

TSDS PEIMS CODE: A3050004

Grade Levels: 9-12

Credit: 1

Prerequisite: Physics 1 Algebra Based AP or comparable introductory course in physics

This course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics.

S42.D PHYSICS DUAL CREDIT # -Tier V

Del Mar College Course Titles: PHYS 1401 College Physics I - 4 hours

TSDS PEIMS CODE: 3050007

Grade Levels: 9-12

Credit: 1

Prerequisite: Concurrent enrollment or credit in MATH 1314 and MATH 1316 and PHYS 1402 College Physics II - 4 hours

First Semester and second semester of freshman physics for students majoring in science, engineering, or medicine. Introduction to principles of physics, including the study of mechanics, heat, elementary magnetism, electricity, light, and sound with some reference to the practical aspects of the principle studied. High school credit will be awarded in Physics contingent upon the successful completion of BOTH PHYS 1401 and PHYS 1402.

SA0 AQUATIC SCIENCE - Tier III

TSDS PEIMS CODE: 03030000

Grade Levels: 10-12

Credit: 1

Prerequisite: Biology and Chemistry or concurrent enrollment in Chemistry

Includes the study of aquatic ecosystems, watersheds, and oceanography topics such as tides and water movement.

S44 ASTRONOMY - Tier III

TSDS PEIMS CODE: 03060100

Grade Levels: 11-12

Credit: 1

Prerequisite: One credit of science

Involves a study of the solar system, stars, interstellar space, galaxies, space technology, and related lunar and planetary exploration. Explores theories related to space, time, space travel, origin, and evolution of the universe. Students conduct planetarium and field investigations.

S45 ENVIRONMENTAL SCIENCE AP# - Tier V

TSDS PEIMS CODE: A3020000

Grade Levels: 10-12

Credit: 1

Prerequisite: Biology or Biology Pre-AP AND Chemistry or Chemistry Pre-AP and Algebra I

Examines interrelationships between organisms and the environment. Provides college-level learning experiences for students who wish to prepare for the AP examination.

S47 ENVIRONMENTAL SYSTEMS - Tier III

TSDS PEIMS CODE: 03020000

Grade Levels: 11-12

Credit: 1

Prerequisite: Biology AND Either Chemistry or Integrated Physics and Chemistry

S47.LS ENVIROMENTAL SYSTEMS LS - Tier I

TSDS PEIMS CODE: 03050000
Grade Level: 9-12
Credit: 1
Prerequisite: Biology and either Chemistry or IPC; Committee Approval

Includes the biological and physical relationships of organisms with their environment through laboratory and field studies. Provides a study of problems related to air, water, and soil pollution, as well as natural and energy resources. Includes a study of the economic impact and future supply of mineral and energy resources.

SZ7 BIOLOGY SUPPORT – Tier II

TSDS PEIMS CODE: 84800BIS
Grade Levels: 9-12
Credit: 1 Local
Prerequisite: Assigned by Principal

This course is designed to remediate and accelerate students who have failed to demonstrate proficiency on the end-of-course Biology EOC/STAAR exam. **This course will not count toward state elective graduation credit.**

SZ7A BIOLOGY SUPPORT - Tier II

TSDS PEIMS CODE: 84800BIS
Grade Levels: 10-12
Credit: 0.5 Local
Prerequisite: Assigned by Principal

This course is designed to remediate and accelerate students who have failed to demonstrate proficiency on the end-of-course Biology EOC/STAAR exam. **This course will not count toward state elective graduation credit.**

SZ7B BIOLOGY SUPPORT - Tier II

TSDS PEIMS CODE: 84800BIS
Grade Levels: 10-12
Credit: 0.5 Local
Prerequisite: Assigned by Principal

This course is designed to remediate and accelerate students who have failed to demonstrate proficiency on the end-of-course Biology EOC/STAAR exam. **This course will not count toward state elective graduation credit.**

SOCIAL STUDIES

T20 UNITED STATES HISTORY SINCE 1877 - Tier III

TSDS PEIMS CODE: 03340100
Grade Level: 11
Credit: 1
Prerequisite: None

Traces the major historical and political events in the United States from 1877 to the present. Includes industrialization, the rise of big business, immigration, the development of the Western frontier, the spirit of reform, military engagements, the Great Depression, civil rights movements, the Space Age, the nation as a world power, and other relevant topics. Incorporates geographic, economic, and foreign policy content. Emphasizes the cultural diversity and the rights and responsibilities of American citizens. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

T20INC UNITED STATES HISTORY SINCE 1877 INC - Tier III

TSDS PEIMS CODE: 03340100
Grade Levels: 11
Credit: 1
Prerequisite: Committee Approval

T20.LT UNITED STATES HISTORY SINCE 1877 LT - Tier I

TSDS PEIMS CODE: 03340100
Grade Levels: 11
Credit: 1
Prerequisite: Committee Approval

TN3 UNITED STATES HISTORY SINCE 1877 LT - Tier I

TSDS PEIMS CODE: 03340100

Grade Levels: 11
Credit: 1
Prerequisite: ARD Committee Approval

T37 UNITED STATES HISTORY AP # - Tier V

TSDS PEIMS CODE: A3340100
Grade Level: 11
Credit: 1
Prerequisite: None

Provides the knowledge and analytical skills to deal critically with issues in American history from 1400 to the present. Includes reading, interpretation, and assessment of historical materials. Addresses economic, cultural, social, political, and diplomatic issues. Provides college-level learning experiences for students who wish to prepare for the AP examination. Can be substituted for U.S. History since Reconstruction credit.

T95 UNITED STATES HISTORY DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03340100
Grade Levels: Meets CCISD Dual Credit application requirements
Credit: 1
Del Mar College Course Titles:
HIST 1301. United States History I - 3 hours
Prerequisite: None
AND
HIST 1302. United States History II - 3 hours

Provides a survey of the nation's colonial background, the struggle for independence, and the emergence of political parties; emphasizes individualism, westward expansion, social reform, and sectionalism. Survey also includes reconstruction; the impact of industrialization, urbanization, and immigration; the rise of America as a world power; and the quest for economic security and social justice. **High school credit in United States History will be awarded upon the successful completion of BOTH HIST 1301 and HIST 1302.**

T95A.DOR UNITED STATES HISTORY DUAL Enrollment UT ONRAMPS # - Tier V

TSDS PEIMS Code: 03340100
Grade Levels: Meets CCISD Dual Enrollment requirement at campus level
Credit: 0.5
OnRamps Course Titles: US History 1492-1865
HIST 1301 United States History I
3 hours
Prerequisite: None
Recommended Prerequisite: Pre-AP English I or Pre-AP English II; Passing score on English I and English II STAAR

T95B.DOR UNITED STATES HISTORY DUAL Enrollment UT ONRAMPS # - Tier V

TSDS PEIMS Code: 03340100
Grade Levels: Meets CCISD Dual Enrollment requirement at campus level
Credit: 0.5
OnRamps Course Titles: US History Since 1865
HIST 1302 United States History II
3 hours
Prerequisite: HIST 1301
Recommended Prerequisite: Pre-AP English I or Pre-AP English II; Passing score on English I and English II STAAR

Provides a survey of the nation's colonial background, the struggle for independence, and the emergence of political parties; emphasizes individualism, westward expansion, social reform, and sectionalism. Survey also includes reconstruction; the impact of industrialization, urbanization, and immigration; the rise of America as a world power; and the quest for economic security and social justice.

T76 EUROPEAN HISTORY AP # - Tier V

TSDS PEIMS CODE: A3340200
Grade Levels: 11-12
Credit: 1
Prerequisite: None

This course will have students investigating the broad themes of intellectual, cultural, and political history from Europe circa 1450 to the present. Students will have the opportunity to take the AP exam for this course based on their work in this class.

T22 WORLD GEOGRAPHY STUDIES - Tier III

TSDS PEIMS CODE: 03320100
Grade Levels: 9-12
Credit: 1
Prerequisite: None

Introduces the study of the location and character of the principal natural and man-made features of Earth. Familiarizes students with world patterns of population, occupations, government, climate, landforms, natural resources, and routes of trade and travel. Includes specialized geographic data about countries, states, and regions. Enables students to interpret maps and graphs and to fit events into the proper geographic settings. Curriculum will be accommodated and modified using specifically designed instruction. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

T22INC WORLD GEOGRAPHY STUDIES INC Tier III

TSDS PEIMS CODE: 03320100

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

T22.LS WORLD GEOGRAPHY STUDIES LS Tier I

TSDS PEIMS CODE: 03320100

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

T73 HUMAN GEOGRAPHY AP # - Tier V

TSDS PEIMS CODE: A3360100

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Course incorporates an extensive study of the free enterprise system, the role of capitalism in a free market, the role of agriculture in the free enterprise system, and its significance in the success of the economy found in the United States today. Introduces the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Includes research activities, problem solving, and creative projects. Provides college-level learning experiences for students who wish to prepare for the AP examination. Can be substituted for World Geography credit.

T24 WORLD HISTORY STUDIES - Tier III

TSDS PEIMS CODE: 03340400

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Surveys the history of mankind from the first civilization to the present. Provides general information on the development of the various cultures in the world, and compares and analyzes cultural diversities and commonalities. Emphasizes events of major historical significance and incorporates contemporary world affairs. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

T24INC WORLD HISTORY STUDIES INC - Tier III

TSDS PEIMS CODE: 03340400

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

T24.LS WORLD HISTORY LS - Tier I

TSDS PEIMS CODE: 03340400

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

T75 WORLD HISTORY AP # - Tier V

TSDS PEIMS CODE: A3370100

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Provides an opportunity for the capable and highly motivated student. Surveys the history of mankind from 1200 CE to the present. Provides information on the development of various cultures of the world. Analyzes cultural diversity and commonalities. Includes research activities, analyses of historical themes, problem solving, and development of creative projects. Provides college-level learning experiences for students who wish to prepare for the AP examination. May be substituted for World History credit.

T69 ETHNIC STUDIES: AFRICAN AMERICAN STUDIES - Tier III

TSDS PEIMS CODE: 03380085

Grade Levels: 10-12

Credit: 1

Prerequisite: None

Students learn about the history and cultural contributions of African Americans. 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.

T28 ECONOMICS, WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS - Tier III

TSDS PEIMS CODE: 03310300

Grade Levels: 11-12

Credit: 0.5

Prerequisite: None.

Emphasizes the study of the American free enterprise system, international economic relations, and consumer economics. Introduces systems used by various nations to organize the production and distribution of goods and services needed by their citizens. Compares and analyzes fundamental economic theories and operations, and investigates the cause and implications of economics problems. Includes research activities, independent study, problem solving, and development of creative projects. Also includes an in-depth study of personal finance in economics to include but not limited to: credit cards, purchasing and renting a home, starting small business, stock market, retirement, bankruptcy, maintaining bank accounts, insurance and charitable giving. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking grade level TEKS through prerequisite skills.

T28INC ECONOMICS INC - Tier III

TSDS PEIMS CODE: 03310300

Grade Levels: 11-12

Credit: 0.5

Prerequisite: Committee Approval

T28.LS ECONOMICS LS - Tier I

TSDS PEIMS CODE: 03310300

Grade Levels: 11-12

Credit: 0.5

Prerequisite: Committee Approval

T98 ECONOMICS ADVANCED STUDY: MACROECONOMICS DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03310301

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 0.5

Del Mar College Course Title:

ECON 2301. Principles of Macroeconomics - 3 hours

Prerequisite: None

History, development and application of macroeconomic and microeconomic theory underlying the production, distribution and exchange of goods and services including the utilization of resources, analysis of value and prices, national income analysis, fiscal policies, monetary and banking theory and policy, distribution of income, labor problems, international economics and economics systems. Attention given to the application of economic principles to economic problems. Also includes an in-depth study of personal finance in economics to include but not limited to: credit cards, purchasing and renting a home, starting small business, stock market, retirement, bankruptcy, maintaining bank accounts, insurance and charitable giving. **May be substituted for Economics, with Emphasis on Free Enterprise System and Its Benefits credit.**

T50 PERSONAL FINANCIAL LITERACY - Tier III

TSDS PEIMS CODE: 03380082

Grade Levels: 10-12

Credit: 0.5

Prerequisite: None

Personal Financial Literacy is designed to be an interactive and research-based course. The 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 and postsecondary education and training. There are many references to conducting a cost-benefit analysis for spending and investing decisions. Students evaluate the necessity of the purchase, the quality or value of the purchase or investment compared to other alternatives, and the total cost of acquisition, particularly in the context of financing options. Students also understand the power of both compound growth on investments and compound interest on debt and how these concepts affect the ability to build wealth over time.

T30 UNITED STATES GOVERNMENT - Tier III

TSDS PEIMS CODE: 03330100

Grade Levels: 11-12

Credit 0.5

Prerequisite: None

Includes the study of the organization and role of government at the federal, state, and local levels; the growth and jurisdiction of national government; political processes and institutions; and rights and responsibilities of American citizenship. Relates political science issues to economics,

history, philosophy, and sociology. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking grade level TEKS through prerequisite skills.

T30INC UNITED STATES GOVERNMENT INC - Tier III

TSDS PEIMS CODE: 03330100

Grade Levels: 11-12

Credit: 0.5

Prerequisite: Committee Approval

T30.LS UNITED STATES GOVERNMENT LS - Tier I

TSDS PEIMS CODE: 03330100

Grade Levels: 11-12

Credit: 0.5

Prerequisite: Committee Approval

T31 U.S. GOVERNMENT AND POLITICS AP # - Tier V

TSDS PEIMS CODE: A3330100

Grade Levels: 11-12

Credit: 0.5

Prerequisite: None

Provides opportunities for the capable and/or highly motivated student. Includes a review of modern political systems and an in-depth study of the organization and functions of governmental systems in the United States at the federal, state, and local levels. Analyzes political processes and institutions, and emphasizes the rights and responsibilities of American citizenship. Relates political science issues to economics, history, philosophy, and sociology. Includes research activities, independent study, creative projects, and problem solving. Provides college-level learning experiences for students. Provides college-level learning experiences for the students who wish to prepare for the AP examination. **May be substituted for United States Government credit.**

T90 UNITED STATES GOVERNMENT DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03330100

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 0.5

Del Mar College Course Title:

GOVT 2305. Federal Government (Federal Constitution & Topics) – 3 hours

Prerequisite: None

Includes a review of modern political systems and an in-depth study of the organization and functions of governmental systems in the United States at the federal, state, and local levels. Analyzes political processes and institutions, and emphasizes the rights and responsibilities of American citizenship. Relates political science issues to economics, history, philosophy, and sociology. Includes research activities, independent study, creative projects, and problem solving. Provides college-level learning experiences for students. **May be substituted for United States Government credit.**

T48 COMPARATIVE GOVERNMENT AND POLITICS AP # - Tier V

TSDS PEIMS CODE: A3330200

Grade Levels: 11-12

Credit: 0.5

Prerequisite: None

Includes understanding of the world's diverse political structures and practices. Encompasses the study of specific countries and general concepts used to interpret the political relationships found in national politics. Five (5) countries will form the core of the course: Great Britain; France; Russia/Soviet Union; China; and a choice of India, Mexico, or Nigeria. Includes research activities, problem solving, and creative projects. Provides college-level learning experiences for the students who wish to prepare for the AP examination.

T81 SPECIAL TOPICS IN SOCIAL STUDIES (FIRST TIME TAKEN) - Tier V

TSDS PEIMS Code: 03380002

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

Students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

T82 SPECIAL TOPICS IN SOCIAL STUDIES (SECOND TIME TAKEN) - Tier V

TSDS PEIMS Code: 03380022

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

Students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

T83 SPECIAL TOPICS IN SOCIAL STUDIES (THIRD TIME TAKEN) - Tier V

TSDS PEIMS Code: 03380032

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

Students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

T85 SOCIAL STUDIES RESEARCH METHODS (FIRST TIME TAKEN) - Tier V

TSDS PEIMS Code: 03380003

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

Students conduct advanced research on a selected topic in social studies using qualitative and/or quantitative methods of inquiry. Students present their research results and conclusions in written and visual or oral format. The course is designed to be conducted in either classroom or independent settings.

TS1 SOCIAL STUDIES ADVANCED STUDIES (FIRST TIME TAKEN): STATE AND LOCAL GOVERNMENT DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03380001

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 0.5

Del Mar College Course Title:

GOVT 2306 State and Local Government – 3 hours

Prerequisite: None

The politics, government, and administration of American states, counties, cities, and special districts, with special emphasis on Texas. Meets the University core requirement and the Texas state statutory requirement for U.S. and Texas constitutions

ADDITIONAL SOCIAL STUDIES COURSES

The following courses do not count toward the graduation requirement for social studies; however, credit in the courses will count toward graduation requirements as electives.

T45 MICROECONOMICS AP # - Tier V

TSDS PEIMS CODE: A3310100

Grade Levels: 11-12

Credit: 0.5

Prerequisite: None

Includes a thorough understanding of the principles of economics that apply to the functions of individual decision-makers, both consumers and producers. Primary emphasis is on the nature and function of product markets. Includes research activities, problem solving, and creative projects. Provides college-level learning experiences for the students who wish to prepare for the AP examination. Also includes an in-depth study of personal finance in economics to include but not limited to: credit cards, purchasing and renting a home, starting small business, stock market, retirement, bankruptcy, maintaining bank accounts, insurance and charitable giving. **May be substituted for Economics, with Emphasis on the Free Enterprise System and Its Benefits credit.**

T46 MACROECONOMICS AP # -Tier V

TSDS PEIMS CODE: A3310200

Grade Levels: 11-12

Credit: 0.5

Prerequisite: None

Provides college-level learning experiences for students who wish to prepare for the AP examination. Also includes an in-depth study of personal finance in economics to include but not limited to: credit cards, purchasing and renting a home, starting small business, stock market, retirement, bankruptcy, maintaining bank accounts, insurance and charitable giving. **May be substituted for Economics, with Emphasis on the Free Enterprise System and Its Benefits credit.**

T33 PSYCHOLOGY - Tier III

TSDS PEIMS CODE: 03350100

Grade Levels: 10-12

Credit: 0.5

Prerequisite: None

In Psychology, 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.

T33.PAP HONORS PSYCHOLOGY # - Tier IV

TSDS PEIMS CODE: 03350100

Grade Levels: 10-12

Credit: 0.5

Prerequisite: None

Students are introduced to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

T61 PSYCHOLOGY AP # - Tier V

TSDS PEIMS CODE: A3350100

Grade Levels: 10-12

Credit: 0.5

Prerequisite: None

Introduces the scientific study of human and animal behavior, and the relationship of psychology to other sciences and to problems of society. Emphasizes human growth and development, principles of learning, processes of thinking, personality theories, behavioral disorders and treatment, and interpersonal relationships. Provides college-level learning experiences for the students who wish to prepare for the AP examination.

T93 PSYCHOLOGY DUAL CREDIT # Tier V

TSDS PEIMS CODE: 03350100

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 0.5

Del Mar College Title:

PSYC 2301. General Psychology

3 hours

Prerequisite: None

An introduction to the fundamental concepts and theories in psychology. Topics include biological processes, development, learning, personality, abnormal behavior, therapy, and social interactions.. May be substituted for Psychology credit.

T34 SOCIOLOGY - Tier III

TSDS PEIMS CODE: 03370100

Grade Levels: 10-12

Credit: 0.5

Prerequisite: None

Introduces scientific methods used to study human relationships within small groups and society in general. Includes the study of cultural diversity, continuity, and change. Stresses the importance of communication to individual and group activities. Explores cooperation and conflict in group dynamics.

T92 SOCIOLOGY DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03370100

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 0.5

Del Mar College Course Title:

SOCI 1301. Introduction to Sociology

3 hours

Prerequisite: None

Study of the development of human societies from hunting and gathering tribes to postindustrial and Third World types, using a macro ecological-evolutionary theoretical approach to societal organization in retrospect and prospect for the future. May be substituted for Sociology credit.

T85.DETH INTRODUCTION TO ETHICS DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03380003

Grade Level: Meets CCISD Dual Credit application requirements

Credit: 0.5

Del Mar College Course Title:

PHIL 2306. Introduction to Ethics

3 hours

Prerequisite: None

The systematic evaluation of classical and/or contemporary ethical theories concerning the good life, human conduct in society, morals and standards of value. Course may emphasize particular applications.

T70 ETHNIC STUDIES: MEXICAN AMERICAN STUDIES

TSDS PEIMS CODE: 03380084

Grade Levels: 10-12

Credit: 1.0

Prerequisite: None

Students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective.

XT1 SOCIAL STUDIES ADVANCED STUDIES (FIRST TIME TAKEN) # - Tier V

TSDS PEIMS CODE: 03380001

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

Provides an avenue by which students gifted in social studies may earn credit through independent research and in-depth study of a self-selected topic.

XT2 SOCIAL STUDIES ADVANCED STUDIES (SECOND TIME TAKEN) # - Tier V

TSDS PEIMS CODE: 03380021

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

Provides an avenue by which students gifted in social studies may earn credit through independent research and in-depth study of a self-selected topic.

SPEECH

C45 COMMUNICATION APPLICATIONS - Tier III

TSDS PEIMS CODE: 03241400

Grade Levels: 9-12

Credit: 0.5

Prerequisite: None

Students identify, analyze, develop, and evaluate communication skills needed for both professional and social success in interpersonal situations, group interactions, and professional presentations. Prepares students for changing social and corporate systems in order to send clear verbal messages, to choose effective non-verbal behaviors, to listen for desired results, and to apply critical thinking and problem solving. Curriculum consists of specially designed instruction for students based on grade level TEKS. Alternative course offers instruction linking grade level TEKS through prerequisite skills.

C30 ORAL INTERPRETATION - Tier III

TSDS PEIMS CODE: 03240200

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Audition

Provides opportunities to develop the basic skills of oral communication and critical thinking. Requires research, preparation, and participation in curricular and out-of-school activities.

C90 COMMUNICATIONS APPLICATIONS DUAL CREDIT # - Tier V

TSDS PEIMS CODE: 03241400

Grade Levels: Meets CCISD Dual Credit application requirements

Credit: 0.5

Del Mar College Course Title:

SPCH 1315. Fundamentals of Public Speaking - 3 hours

Introductory course in theories and practices of speech communication behavior in public communication situations. Includes listener and audience analysis with an emphasis on research, organization and delivery of informative and persuasive presentations.

C24 DEBATE 1 - Tier III

TSDS PEIMS CODE: 03240600

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Offers instruction in standard and alternative types of debate. Presents basic techniques of argumentation. Involves research, preparation, and participation in curricular and out-of-school activities.

C26 DEBATE 2 - Tier III
TSDS PEIMS CODE: - 03240700
Grade Levels: 10-12
Credit: 1
Prerequisite: Debate 1

Provides opportunities to extend and apply debate skills. Covers specific formats and forums for debate. Emphasizes the processes of logic and critical thinking. Requires curricular and out-of-school participation.

C28 DEBATE 3 - Tier III
TSDS PEIMS CODE: 03240800
Grade Levels: 11-12
Credit: 1
Prerequisite: Debate 2

Provides opportunities to extend and apply advanced debate skills and techniques. Includes further study, research, and accrued abilities in debate. Requires curricular and out-of-school participation.

STATE ELECTIVE CREDITS

These courses will count toward state elective graduation credit.

E73 ADVANCEMENT VIA INDIVIDUAL DETERMINATION PROGRAM 1 - Tier III
TSDS PEIMS CODE: N1290001
Grade Level: 9
Credit: 1
Prerequisites: Application and acceptance into the AVID program at designated AVID campuses plus concurrent enrollment in at least one Advanced Academics (Pre-AP, AP) class.

E74 ADVANCEMENT VIA INDIVIDUAL DETERMINATION PROGRAM 2 - Tier III
TSDS PEIMS CODE: N1290002
Grade Level: 10
Credit: 1
Prerequisites: Application and acceptance into the AVID program at designated AVID campuses plus concurrent enrollment in at least one Advanced Academics (Pre-AP, AP) class.

E75 ADVANCEMENT VIA INDIVIDUAL DETERMINATION PROGRAM 3 - Tier III
TSDS PEIMS CODE: N1290030
Grade Level: 11
Credit: 1.0
Prerequisites: Application and acceptance into the AVID program at designated AVID campuses plus concurrent enrollment in at least one Advanced Academics (Pre-AP, AP) class.

E76 ADVANCEMENT VIA INDIVIDUAL DETERMINATION PROGRAM 4 - Tier III
TSDS PEIMS CODE: N1290033
Grade Level: 12
Credit: 1
Prerequisites: Application and acceptance into the AVID program at designated AVID campuses plus concurrent enrollment in at least one Advanced Academics (Pre-AP, AP) class.

Provides opportunities to work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. The AVID class addresses key elements in college preparation: academic survival skills, college entry skills, tutorials, motivational activities, and career and college exploration. Additionally, students will improve their oral communication skills through presentations and Socratic Seminar. Rooted in the WICOR concepts (Writing, Inquiry, Collaboration, Organization, and Reading), AVID students will prepare for college entrance examinations, including the SAT and ACT, and complete and present a multi-grade level portfolio of their work.

X32 LEADWORTHY THE COURSE - Tier III
TSDS PEIMS CODE: N1290012
Grade Levels: 9-12
Credit: 0.5

Prerequisite: None

X33 TEEN LEADERSHIP - Tier III

TSDS PEIMS CODE: N1290012

Grade Levels: 9-12

Credit: 0.5

Prerequisite: None

Designed as a leadership development program to develop role models. Provides positive interpersonal relationships.

X30 PEER ASSISTANCE AND LEADERSHIP 1 - Tier III

TSDS PEIMS CODE: TSDS PEIMS CODE: N1290005

Grade Levels: 11-12

Credit: 1

Prerequisite: Teacher, counselor, or administrator recommendation; Interview by

Peer Assistance and Leadership (PAL) Teacher

Designed as a peer-helping program in which students are trained to work as peer facilitators with other students. Develops leadership skills and focuses on positive peer influence as students tutor and interact with other students. Intended to provide field experience for those interested in a career in education and/or related professions.

X55 STUDENT LEADERSHIP - Tier III

TSDS PEIMS CODE: N1290010

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Teen Leadership

Builds leadership skills, develops skills in conflict resolution, and provides numerous opportunities for public speaking.

XH6.LS MAKING CONNECTIONS 1 LS – Tier I

PEIMS Code: N1290332

Grade Placement: 9-12

Credit: 0.5

Prerequisite: Committee Approval

XH7.LS MAKING CONNECTIONS 2 LS – Tier I

PEIMS Code: N1290333

Grade Placement: 9-12

Credit: 0.5

Prerequisite: Committee Approval

XH8.LS MAKING CONNECTIONS 3 LS – Tier I

PEIMS Code: N1290334

Grade Placement: 10-12

Credit: 0.5

Prerequisite: Committee Approval

XH9.LS MAKING CONNECTIONS 4 LS – Tier I

PEIMS Code: N1290335

Grade Placement: 10-12

Credit: 0.5

Prerequisite: Committee Approval

The Making Connections course sequence assist students with developing and generalizing appropriate and beneficial social skills and in turn increases the student's postsecondary outcomes.

Career Technical Education



Agriculture, Food, and Natural Resources



Architecture and Construction



Arts, Audio Visual Technology, and Communications



Business, Marketing, and Finance



Education and Training



Energy



Law and Public Service



Health Science



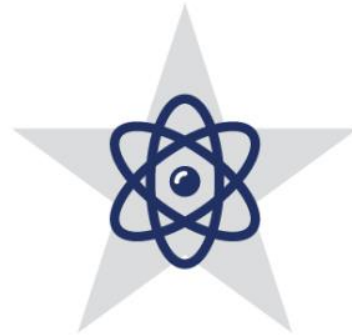
Hospitality and Tourism



Human Services



Manufacturing



Science, Technology, Engineering, and Mathematics



Transportation, Distribution, and Logistics

Course Catalog 2021-2022

**Please check with campus high school counselor regarding the qualifications, availability and enrollment processes for Career and Technical Education Programs of Study.*

CAREER DEVELOPMENT

Project-Based Research – Tier 3

TSDS PEIMS Code:

12701500 (First Time Taken) (PROBS1)

12701510 (Second Time Taken) (PROBS2)

12701520 (Third Time Taken) (PROBS3)

Grade Placement: 11–12

Credit: 1

Prerequisite: None.

Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Career Preparation I – Tier 3

TSDS PEIMS Code: 12701300 (CAREERP1)

Grade Placement: 11–12

Credit: 2

Prerequisite: None.

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.

Career Preparation I/Extended Career Preparation – Tier 3

TSDS PEIMS Code: 12701305 (EXCAREE1)

Grade Placement: 12

Credit: 3

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Corequisites: Career Preparation I.

Extended Career Preparation 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.

Career Preparation II – Tier 3

TSDS PEIMS Code: 12701400 (CAREERP2)

Grade Placement: 12

Credit: 2

Prerequisite: Career Preparation I.

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.

CAREER DEVELOPMENT

Career Preparation II/Extended Career Preparation – Tier 3

TSDS PEIMS Code: 12701405 (EXCAREE2)

Grade Placement: 12

Credit: 3

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Corequisites: Career Preparation II.

Extended Career Preparation 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.

General Employability Skills – Tier 3

General Employability Skills LS – Tier 1

PEIMS Code: N1270153

Abbreviation: GEMPLS

Grade Level(s): 9-12

Award of Credit: 1.0

This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. Employability skills include fundamentals of maintenance of personal appearance and grooming. The course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs, and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place over time. This course is designed to guide students in obtaining the knowledge and the needed employability skills that are transferable among a variety of jobs and careers and are considered essential in any employment situation. Students will learn and apply basic knowledge of what is expected in the workplace

Applied Mathematics for Technical Professionals DC# - Tier 5

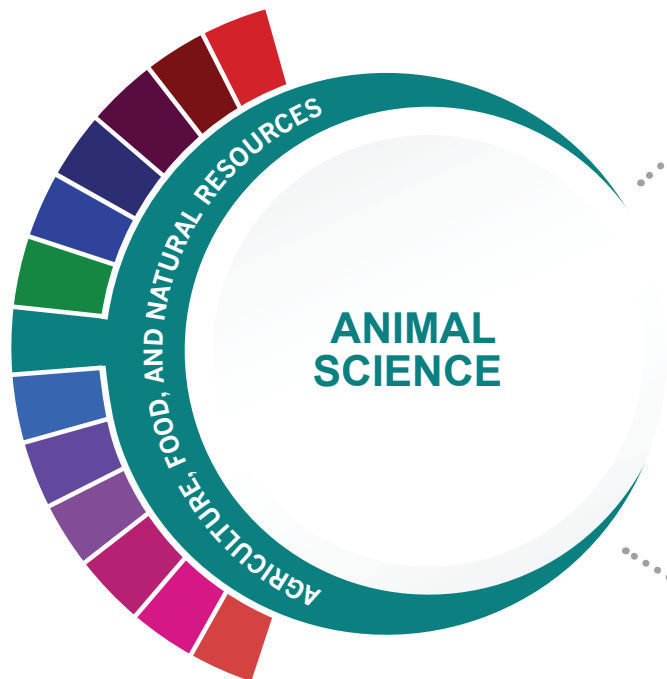
TSDS PEIMS Code: 12701410 (APMATHTP) Grade Placement: 11–12 Credit: 1 Prerequisite: None.

Recommended Prerequisites: Algebra 1 and Geometry.

The process standards describe ways in which students are expected to engage in the content. The placement of the process standards at the beginning of the knowledge and skills listed for each grade and course is intentional. The process standards weave the other knowledge and skills together so that students may be successful problem solvers and use mathematics efficiently and effectively in daily life. The process standards are integrated at every grade level and course. When possible, students will apply mathematics to problems arising in everyday life, society, and the workplace. 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 implications 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 satisfies a math credit requirement for students on the Foundation High School Program.

CARROLL AND VETERANS HIGH SCHOOL



LEVEL 1

Principles of Agriculture, Food, and Natural Resources (Carroll Only)

LEVEL 2

Small Animal Management
Equine Science

(Carroll Only)

LEVEL 3

Livestock Production

(Veterans Only)

LEVEL 4

Advanced Animal Science

(Veterans Only)

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
	Pet Groomer	Food Science and Technology	Animal Sciences	Genetics
	Veterinary Technician	Veterinary Studies	Agriculture	Veterinary Medicine
	Licensed Breeder	Biotechnology Laboratory Technician	Biology	Biological and Physical Sciences
		Biology Technician	Zoology/ Animal Biology	Biological and Biomedical Sciences

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Animal Breeders	\$39,135	28	9%
Animal Scientists	\$57,533	22	12%
Medical Scientists	\$63,898	435	27%
Veterinarians	\$93,496	294	24%
Zoologists and Wildlife Biologists	\$67,309	45	32%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Texas FFA

Work Based Learning Activities:
Agri-Science Fair
4H
Volunteer at a local farm or veterinary office

The Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches students how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students may also research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.



The Agriculture, Food, and Natural Resources (AFNR) Career Cluster® focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.

Successful completion of the Animal Science program of study will fulfill requirements of the Business and Industry Endorsement. Approved Statewide Program of Study - September 2019

AGRICULTURE, FOOD & NATURAL RESOURCES

Advanced Animal Science - Tier 3

TSDS PEIMS Code: 13000700 (ADVANSCI) Grade Placement: 11–12 Credit: 1

Prerequisites: Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production.

Recommended Prerequisite: Veterinary Medical Applications.

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Equine Science - Tier 3

TSDS PEIMS Code: 13000500 (EQUINSCI) Grade Placement: 10–12 Credit: .5 Prerequisite: None.

In Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules.

Livestock Production - Tier 3

TSDS PEIMS Code: 13000300 (LIVEPROD) Grade Placement: 10–12 Credit: 1

Prerequisite: None.

In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.

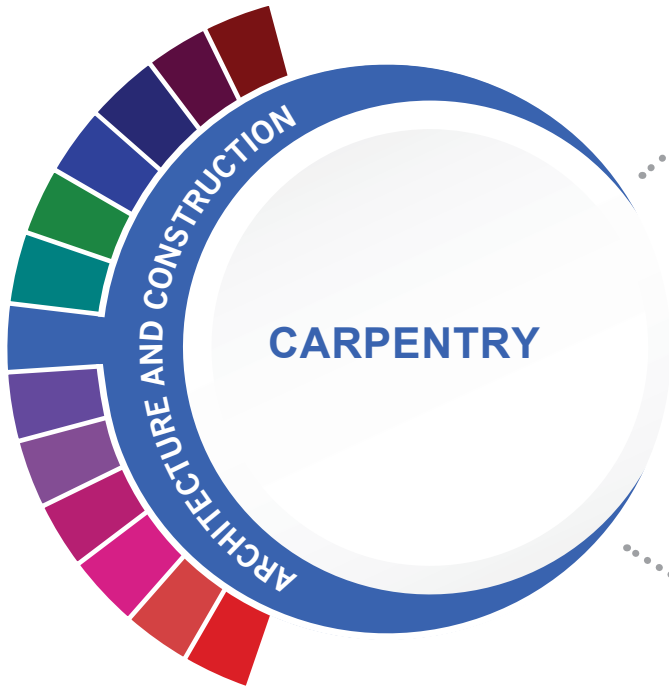
Principles of Agriculture, Food, and Natural Resources - Tier 3

TSDS PEIMS Code: 13000200 (PRINAFNR) Grade Placement: 9–10, Credit: 1 Prerequisite: None. Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

Small Animal Management - Tier 3

TSDS PEIMS Code: 13000400 (SMANIMGT) Grade Placement: 10–12 Credit: .5 Prerequisite: None.

In Small Animal Management, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds.



LEVEL 1

Principles of Construction

LEVEL 2

Construction Technology I

LEVEL 3

Construction Technology II

LEVEL 4

Practicum in Construction Technology

Career Preparation I - Construction Technology

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
NCCER Core	Certified Lead Carpenter	Carpentry/ Carpenter	Construction Science	Construction Management
OSHA 30 Construction	Certified Door Consultant			

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Carpenters	\$35,922	5,031	26%
Cost Estimators	\$63,939	2,239	21%

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

**WORK BASED LEARNING AND
EXPANDED LEARNING OPPORTUNITIES**

Exploration Activities:

Shadow a carpenter or participate in SkillUSA

Work Based Learning

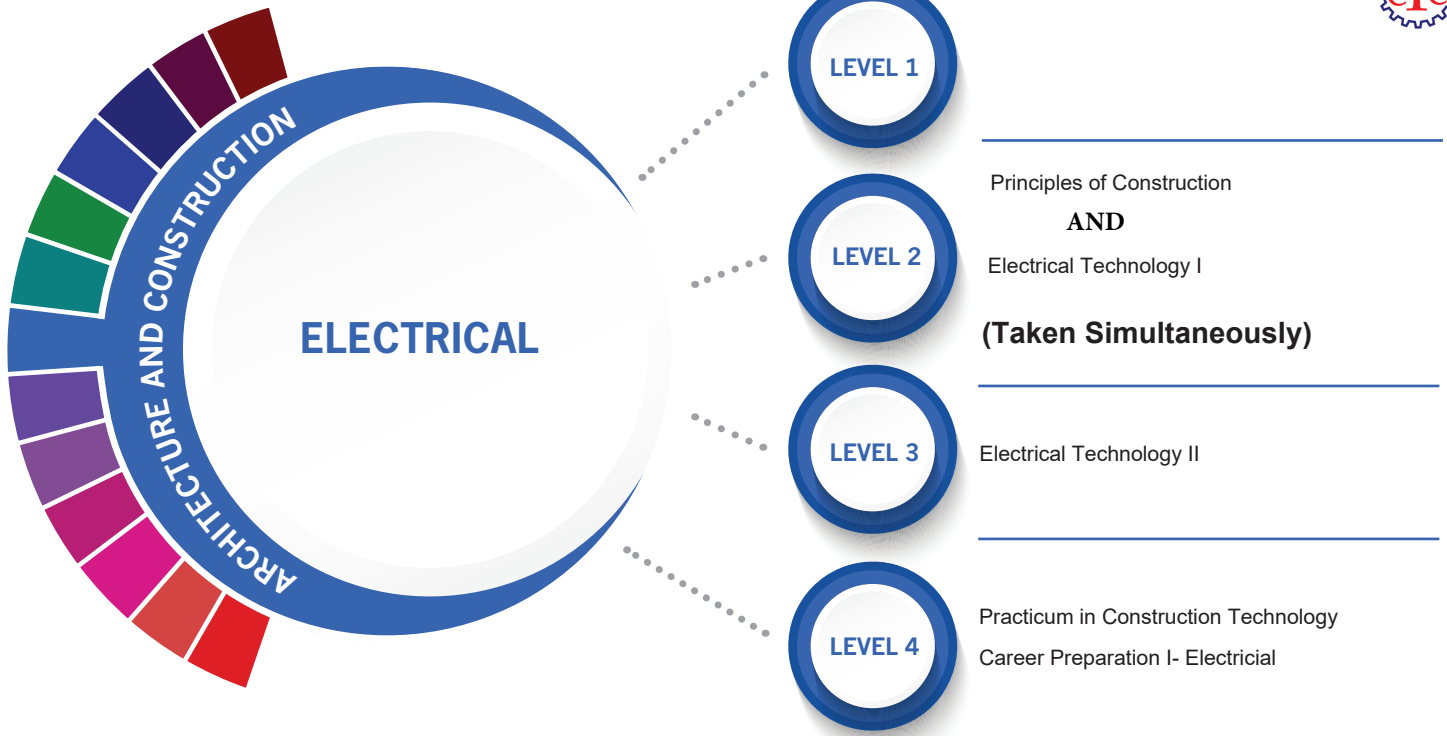
Activities: Obtain an NCCER certification

The Carpentry program of study explores the occupations and educational opportunities related to constructing, installing, or repairing structures and fixtures made of wood, such as concrete forms (including frameworks, partitions, joists, studding, rafters, and stairways). This program of study may also include exploration into installing, dismantling, or moving machinery and heavy equipment according to layout plans, blueprints, or other drawings.



The Architecture and Construction Career Cluster® focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.

Successful completion of the Carpentry program of study will fulfill requirements of the Business and Industry Endorsement. Approved Statewide Program of Study - September 2019



HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
NCCER CORE Electrical, Level 1	Electrical Plans Examiner	Electrician	Construction Science	Construction Management

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Electrical Linemen	\$54,184	1,314	28%
Electricians	\$44,013	8,460	21%
Electrical and Electronics Installers	\$37,544	245	19%
Security and Fire Alarm Installers	\$43,638	1,112	22%
Telecommunication Line Installers and Repairers	\$49,150	1,228	10%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Shadow an electrician or fiber optics line installer SkillsUSA

Work Based Learning Activities:
Intern or shadow an electrician

The Electrical program of study explores the occupations and educational opportunities associated with installing, maintaining, and repairing electrical wiring, equipment, and fixtures. This program of study may also include exploration into installing and repairing telecommunications cable including fiber optics.



The Architecture and Construction Career Cluster® focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.

Successful completion of the Electrical Program of Study will fulfill requirements of a Business and Industry Endorsement. Approved Statewide Program of Study - September 2019

ARCHITECTURE AND CONSTRUCTION

Construction Technology I A - Tier 3

Construction Technology I B - Tier 3

Construction Technology I A CED# - Tier 4

Construction Technology I B CED# - Tier 4

TSDS PEIMS Code: 13005100 (CONTECH1) Grade Placement: 10–12, Credit: 2

Prerequisite: None. Recommended Prerequisite: Principles of Construction or Principles of Architecture.

In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

Construction Technology II A - Tier 3

Construction Technology II B - Tier 3

Construction Technology II A CED # - Tier 4

Construction Technology II B CED # - Tier 4

TSDS PEIMS Code: 13005200 (CONTECH2)

Grade Placement: 11–12

Credit: 2

Prerequisite: Construction Technology I.

In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

Electrical Technology I (CTC) - Tier 3

TSDS PEIMS Code: 1313005600 (ELECTEC1) Grade Placement: 10–12, Credit: 1 Prerequisite: None.

Recommended Prerequisites: Principles of Architecture or Principles of Construction.

In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

Electrical Technology II (CTC) - Tier 3

TSDS PEIMS Code: 13005700 (ELECTEC2) Grade Placement: 11–12 Credit: 2

Prerequisite: Electrical Technology I.

Recommended Prerequisites: Principles of Architecture or Principles of Construction.

In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified field of construction or construction management; or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.

Practicum in Construction Technology - Tier 3

TSDS PEIMS Code: 13005250 (First Time Taken) Grade Placement: 12 Credit: 2 (PRACCT1) Prerequisites: Construction Technology II; Building Maintenance Technology II; Electrical Technology II; Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II; Plumbing Technology I; or Mill and Cabinetmaking Technology.

In Practicum in Construction Technology, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.

ARCHITECTURE AND CONSTRUCTION

Principles of Construction (CTC) - Tier 3

Principles of Construction - Tier 3

TSDS PEIMS Code: 13004220 (PRINCON) Grade Placement: 9–12, Credit: 1 Prerequisite: None. 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. For safety and liability considerations, limiting course enrollment to 15 students is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

Career Preparation I - Construction Technology - Tier 3

Career Preparation I - Electrical - Tier 3

TSDS PEIMS Code: 12701300 (CAREERP1)

Grade Placement: 11–12

Credit: 2

Prerequisite: None.

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.

Career Preparation I/Extended Career Preparation - Construction Technology - Tier 3

Career Preparation I/Extended Career Preparation - Electrical - Tier 3

TSDS PEIMS Code: 12701305 (EXCAREE1)

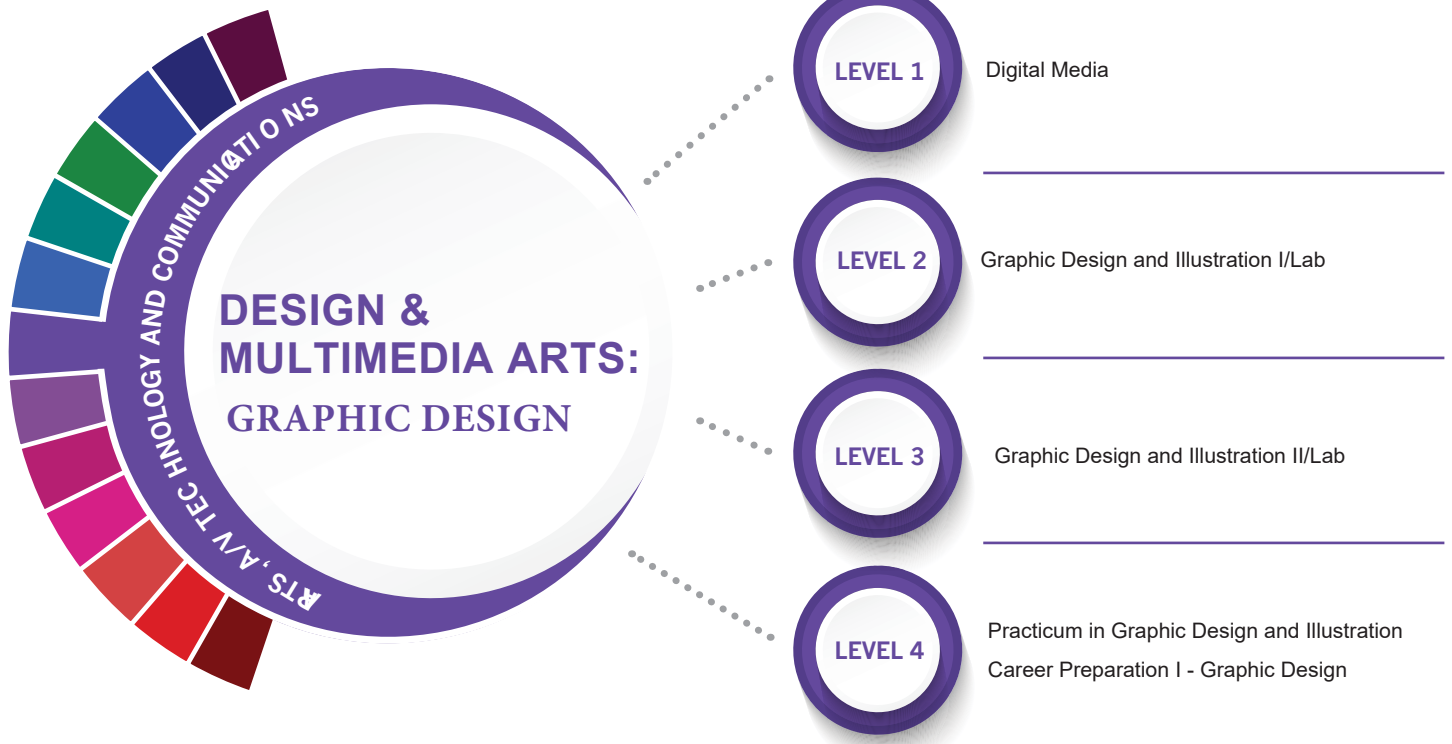
Grade Placement: 12

Credit: 3

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Corequisites: Career Preparation I.

Extended Career Preparation 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.



HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Adobe Certified Associate Certifications	Certified Digital Designer	Animation, Interactive Technology, Video Graphics and Special Effects		

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Graphic Designers	\$44,824	1,433	15%
Multimedia Artists and Animators	\$67,392	186	21%

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Join a website development or coding club.
SkillsUSA, TSA

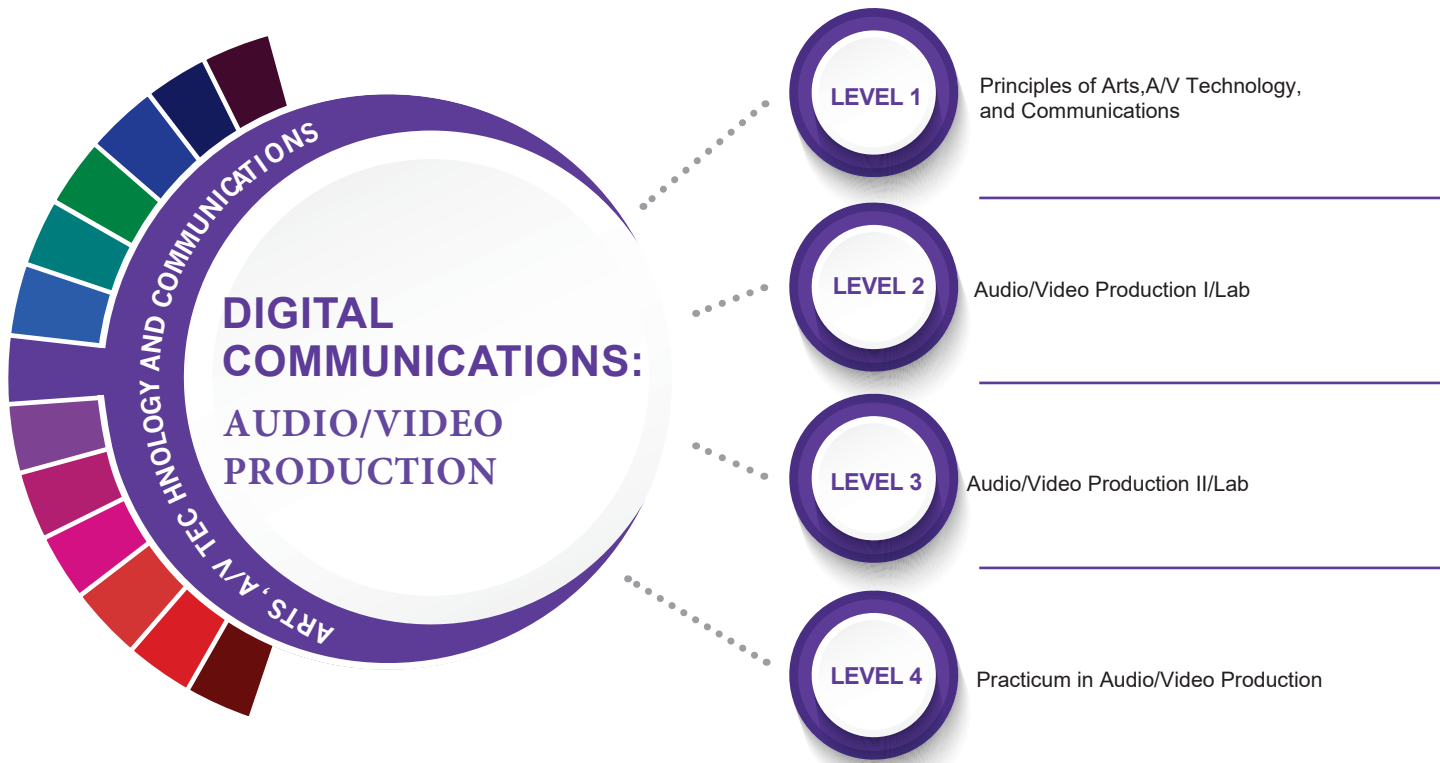
Work Based Learning Activities:
Intern with a multimedia or animation studio. Obtain a certificate in graphic design.

The Design and Multimedia Arts program of study explores the occupations and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. This program of study may also include exploration into designing clothing and accessories, and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media, for use in computer games, movies, music videos, and commercials.



The Arts, A/V Technology and Communications (AAVTC) Career Cluster® focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVTC Career Cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Successful completion of the Design & Multimedia Arts program of study will fulfill requirements of a Business and Industry Endorsement. Approved Statewide Program of Study - September 2019



HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Adobe Certified Associate Premiere Pro	Certified AM Directional Specialist	Radio and Television Broadcasting Technology/Technician	Radio and Television	
Adobe Certified Associate After Effects, and/or Flash	Certified Broadcast Radio Engineer	Music Technology	Agricultural Communication/ Journalism	

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Sound Engineering Technicians	\$39,562	79	27%
Camera Operators, Television, Video and Motion Picture	\$50,024	129	9%
Audio and Video Equipment Technicians	\$40,581	757	29%
Film and Video Editors	\$47,382	118	23%

* Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

<p>Exploration Activities: Shadow a production team SkillsUSA, TSA</p>	<p>Work Based Learning Activities: Intern at a local television station or video production company</p>
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The Digital Communications program of study explores the occupations and educational opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts, advertising, video production, or motion pictures. This program of study may also include exploration into operating machines and equipment to record sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment.



The Arts, A/V Technology and Communications (AAVTC) Career Cluster® focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVTC career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Successful completion of the Digital Communications program of study will fulfill requirements of a Business and Industry Endorsement. Approved Statewide Program of Study - September 2019





LEVEL 1

Video Game Design
Digital Media

LEVEL 2

Video Game Programming

LEVEL 3

Advanced Video Game Programming

LEVEL 4

Web Game Development
Career Preparation I - Video Game Programming

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Adobe Certified Associate Certifications	Certified Digital Designer	Animation, Interactive Technology, Video Graphics and Special Effects		
Adobe Certified Expert Certifications	WOW Certified Web Designer Apprentice	Graphic Design		

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Graphic Designers	\$44,824	1,433	15%
Multimedia Artists and Animators	\$67,392	186	21%

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Join a website development or coding club.
SkillsUSA, TSA

Work Based Learning Activities:
Intern with a multimedia or animation studio.
Obtain a certificate in graphic design.

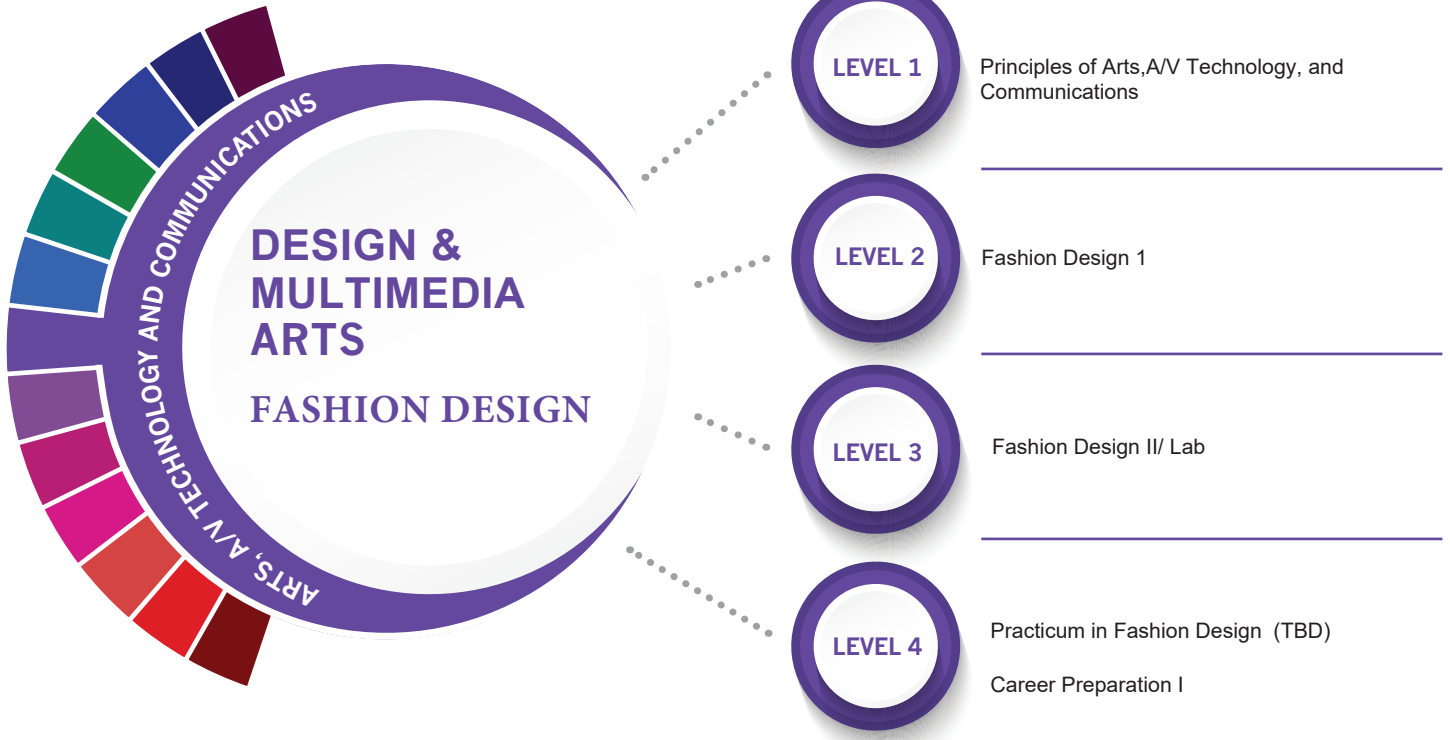
The Graphic Design and Multimedia Arts program of study explores the occupations and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. This program of study may also include exploration into designing clothing and accessories, and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media, for use in computer games, movies, music videos, and commercials.



The Arts, A/V Technology and Communications (AAVTC) Career Cluster® focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVTC Career Cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Successful completion of the Graphic Design & Multimedia Arts program of study will fulfill requirements of a Business and Industry Endorsement.
Approved Statewide Program of Study - September 2019





HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
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Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Graphic Designers	\$44,824	1,433	15%
Multimedia Artists and Animators	\$67,392	186	21%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Join a website development or coding club.
SkillsUSA, TSA

Work Based Learning Activities:
Intern with a multimedia or animation studio.
Obtain a certificate in graphic design.

The Graphic Design and Multimedia Arts program of study explores the occupations and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. This program of study may also include exploration into designing clothing and accessories, and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media, for use in computer games, movies, music videos, and commercials.



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Successful completion of the Graphic Design & Multimedia Arts program of study will fulfill requirements of a Business and Industry Endorsement.
Approved Statewide Program of Study - September 2019



Arts, Audio Visual Technology, and Communications

Audio/Video Production I - Tier 3

TSDS PEIMS Code: 13008500 (AVPROD1) Grade Placement: 9–12 Credits: 1 Prerequisite: None. Recommended Prerequisite: Principles of Arts, Audio/Video Technology, and Communications. Recommended Corequisite: Audio/Video Production I Lab.

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 an understanding of the industry with a focus on pre-production, production, and post-production audio and video products.

Advanced Video Game Programming - Tier 3

PEIMS Code: N1300995 Abbreviation: VIDEOGD3 Grade Level(s): 10-12
Number of Credits: 1.0

Advanced Video Game Programming students will be introduced to mobile application design and programming using Java and Eclipse for Android devices. Time will be spent learning basic Java programming and working with Android Studio to develop real working apps. Using Unity as an introduction to 3D game development, students will have exposure to and an understanding of: object-oriented programming concepts; game development skill with programs such as Unity; 3D modeling with programs such as Blender; image manipulation with programs such as GIMP; concepts related to the design process; and the ability to communicate and collaborate on group-based projects.

Audio/Video Production I/Audio/Video Production I Lab - Tier 3

TSDS PEIMS Code: 13008510 (AVPLAB1) Grade Placement: 9–12 Credits: 2

Prerequisite: None. Recommended Prerequisite: Principles of Arts, Audio/Video Technology, and Communications or Digital and Interactive Media. Corequisite: Audio/Video Production I.

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 an understanding of the industry with a focus on pre-production, production, and post-production audio and video products. Requiring a lab requisite for the course affords necessary time devoted specifically to the production and post-production process. Districts are encouraged to offer this lab in a consecutive block with Audio/Video Production I to allow students sufficient time to master the content of both courses.

Audio/Video Production II - Tier 3

TSDS PEIMS Code: 13008600 (AVPROD2) Grade Placement: 10–12 Credits: 1 Prerequisite: Audio/Video Production I. Recommended Prerequisite: Audio/Video Production I. Recommended Corequisite: Audio/Video Production II Lab.

Building upon the concepts taught in Audio/Video Production, in addition to developing advanced 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 pre-production, production, and postproduction products. This course may be implemented in an audio format or a format with both audio and video.

Audio/Video Production II/Audio/Video Production II Lab - Tier 3

TSDS PEIMS Code: 13008610 (AVPLAB2) Grade Placement: 10–12 Credits: 2

Prerequisite: Audio/Video Production I. Corequisite: Audio/Video Production II.

Building upon the concepts taught in Audio/Video Production, in addition to developing advanced 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 pre-production, production, and postproduction products. Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical-thinking, problem-solving, and collaborative skills. This course may be implemented in an audio format or a format with both audio and video. Requiring a lab requisite for the course affords necessary time devoted specifically to the production and post-production process.

Arts, Audio Visual Technology, and Communications

Digital Media - Tier 3

Digital Media # - Tier 5

TSDS PEIMS Code: 13027800 (DIMEDIA) Grade Placement: 9–12 Credit: 1 Prerequisite: None. In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

Fashion Design I - Tier 3

TSDS PEIMS Code: 13009300 (FASHDSN1) Grade Placement: 10–12 Credits: 1

Prerequisites: None. Recommended Prerequisite: Principles of Arts, Audio/Video Technology, and Communications. Recommended Corequisite: Fashion Design I Lab.

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 an understanding of the fashion industry with an emphasis on design and construction.

Fashion Design II - Tier 3

TSDS PEIMS Code: 13009400 (FASHDSN2) Grade Placement: 11–12 Credits: 1 Prerequisite: Fashion Design I. Recommended Corequisite: Fashion Design II Lab.

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 an understanding of the fashion industry with an emphasis on design and construction.

Fashion Design II/Fashion Design II Lab - Tier 3

TSDS PEIMS Code: 13009410 (FASLAB2) Grade Placement: 11–12 Credits: 2 Prerequisite: Fashion Design I. Corequisite: Fashion Design II.

Careers in fashion span all aspects of the textile and apparel industries. 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 an understanding of the fashion industry with an emphasis on design and construction.

Graphic Design and Illustration I - Tier 3

TSDS PEIMS Code: 13008800 (GRAPHDI1)

Grade Placement: 10–12 Credits: 1 Prerequisite: None.

Recommended Prerequisite: Principles of Arts, Audio/Video Technology, and Communications.

Recommended Corequisite: Graphic Design and Illustration I Lab.

Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

Arts, Audio Visual Technology, and Communications

Graphic Design and Illustration II - Tier 3

TSDS PEIMS Code: 13008900 (GRAPHDI2) Grade Placement: 10–12 Credits: 1

Prerequisite: Graphic Design and Illustration I. Recommended Corequisite: Graphic Design and Illustration II Lab.

Within this context, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

Graphic Design and Illustration II/Graphic Design and Illustration II Lab - Tier 3

TSDS PEIMS Code: 13008910 (GRDLAB2) Grade Placement: 10–12 Credits: 2

Prerequisite: Graphic Design and Illustration I. Corequisites: Graphic Design and Illustration II.

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. Districts are encouraged to offer this lab in a consecutive block with Graphic Design and Illustration II to allow students sufficient time to master the content of both courses.

Practicum in Audio/Video Production - Tier 3

TSDS PEIMS Code: 13008700 (First Time Taken) (PRACAVP1) 13008710 (Second Time Taken)

(PRACAVP2) Grade Placement: 11–12 Credits: 2 Prerequisites: Audio/Video Production II and Audio/

Video Production II Lab. Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, 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 increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Practicum in Fashion Design

TSDS PEIMS Code: 13009505 (First Time Taken) (EXPRFAS1)

Grade Placement: 11–12 Credits: 2 Prerequisites: Fashion Design II and Fashion Design II Lab.

Corequisite: Practicum in Fashion Design.

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 technical understanding of the business aspects of fashion, with emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Practicum in Graphic Design and Illustration - Tier 3

TSDS PEIMS Code: 13009000 (First Time Taken) (PRACGRD1) 13009010 (Second Time Taken)

(PRACGRD2) Grade Placement: 10–12 Credits: 2 Prerequisites: Graphic Design and Illustration II and Graphic Design and Illustration II Lab.

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.

Arts, Audio Visual Technology, and Communications

Principles of Arts, Audio/Video Technology, and Communications - Tier 3

TSDS PEIMS Code: 13008200 (PRINAAVTC) Grade Placement: 9 Credits: 1 Prerequisite: None. The goal of this course is for the student understands arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Video Game Design - Tier 3

TSDS PEIMS Code: 13009970 (VIDGD) Grade Placement: 9–12 Credits: 1 Prerequisite: None. Recommended Prerequisite: Principles of Art, Audio/Video Technology, and Communications. Video Game Design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

Video Game Programming - Tier 3

TSDS PEIMS Code: N1300994 Abbreviation: VIDEOGD2 Grade Level(s): 10-12
Number of Credits: 1.0

Video Game Programming expands on the foundation created in Video Game Design through programming languages such as: C# programming, XNA game studio, Java, and Android App. In this course, students will investigate the inner workings of a fully functional role-playing game (RPG) by customizing playable characters, items, maps, and chests and eventually applying customizations by altering and enhancing the core game code.

Web Game Development - Tier 3

TSDS PEIMS Code: 03580830 (TAWEBGD)

Grade Placement: 11–12

Credit: 1

Recommended Prerequisite: Web Design.

Web Game Development will allow students to demonstrate creative thinking, develop innovative strategies, and use digital and communication tools necessary to develop fully functional online games. Web Game Development has career applications for many aspects of the game industry, including programming, art principles, graphics, web design, storyboarding and scripting, and business and marketing. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Digital Art and Animation - Tier 3

TSDS PEIMS Code 3580500 Grade Level(s): 9-12 Credits 1

consists of computer images and animations created with digital imaging software. Digital Art and Animation has applications in many careers, including graphic design, advertising, web design, animation, corporate communications, illustration, character development, script writing, storyboarding, directing, producing, inking, project management, editing, and the magazine, television, film, and game industries. Students in this course will produce various real-world projects and animations.

3-D Modeling and Animation - Tier 3

TSDS PEIMS Code: 3580510 Grade Level(s): 9-12 Credit

consists of computer images created in a virtual three-dimensional (3-D) environment. 3-D Modeling and Animation has applications in many careers, including criminal justice, crime scene, and legal applications; construction and architecture; engineering and design; and the movie and game industries. Students in this course will produce various 3-D models of real-world objects.

Arts, Audio Visual Technology, and Communications

Career Preparation I – Fashion Design - Tier 3

Career Preparation I – Graphic Design - Tier 3

Career Preparation I – Video Game Programming- Tier 3

TSDS PEIMS Code: 12701300 (CAREERP1)

Grade Placement: 11–12

Credit: 2

Prerequisite: None.

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.

Career Preparation I/ Extended Career Preparation - Fashion Design - Tier 3

Career Preparation I/ Extended Career Preparation - Graphic Design - Tier 3

Career Preparation I/ Extended Career Preparation - Video Game Programming - Tier 3

TSDS PEIMS Code: 12701305 (EXCAREE1)

Grade Placement: 12

Credit: 3

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Corequisites: Career Preparation I.

Extended Career Preparation 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.



LEVEL 1
Principles of Business, Marketing, and Finance
Business Information Management I

LEVEL 2
Accounting I

LEVEL 3
Accounting II

LEVEL 4
Practicum in Business Management
Career Preparation I - Accounting

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
QuickBooks Certified User	Certified Management Accountant	Real Estate	Accounting	Financial Accounting
Microsoft Office Specialist or Expert - Excel	Certified Internal Auditor	Financial, General		Business Administration
	Certified Income Specialist	Financial Planning and Services		Financial Planning
	Certified Public Accountant	Certified Income Specialist		

*Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Accountants and Auditors	\$71,469	14,436	22%
Loan Officers	\$68,598	2,419	19%
Personal Financial Advisors	\$86,965	1,861	52%
Administrative Service Managers	\$96,138	2,277	21%
Insurance Underwriters	\$66,206	594	14%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Business Professionals of America (BPA), Future Business Leaders of America (FBLA), and DECA

Work Based Learning Activities:
Internship with local accounting firm; Microsoft Office Specialist (MOS) certifications

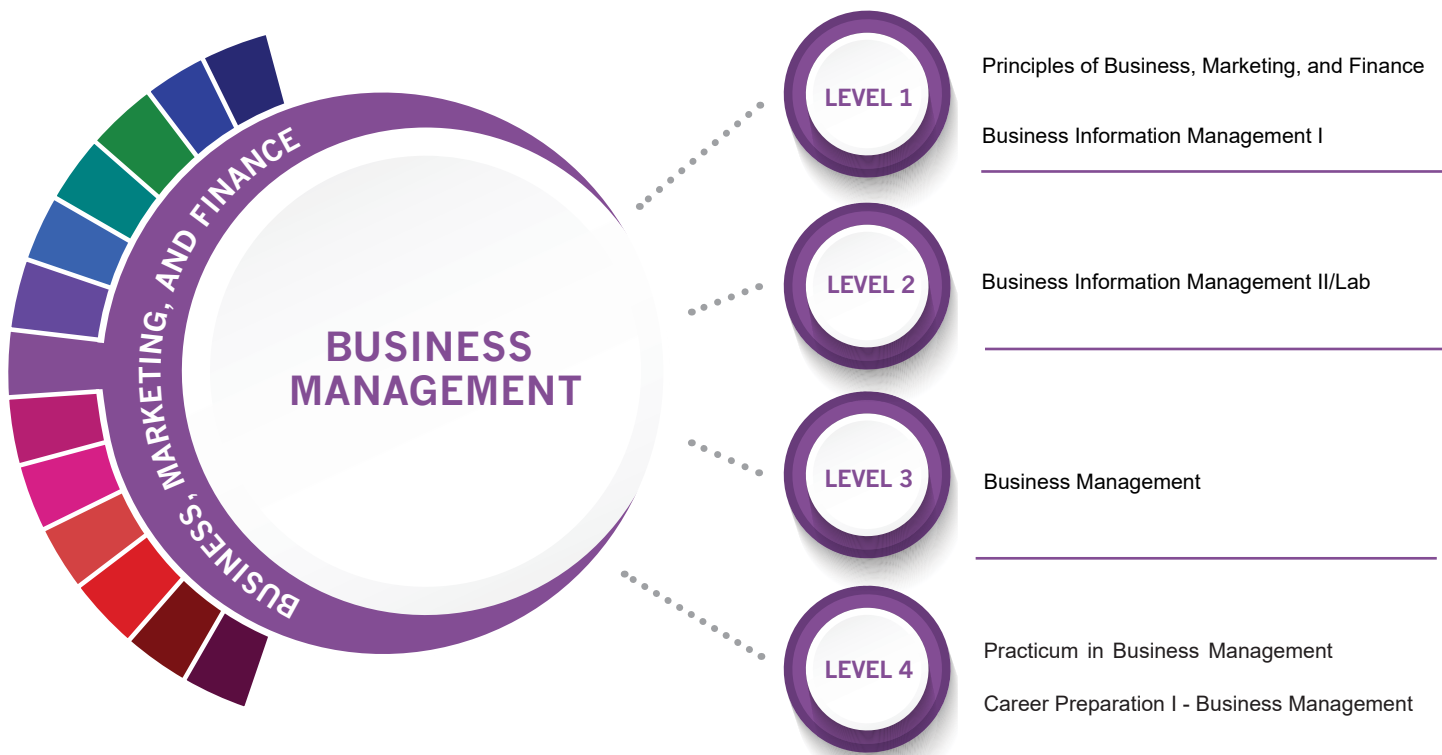
The Accounting and Financial Services program of study teaches CTE concentrators how to examine, analyze, and interpret financial records. Through this program of study, students will learn the skills necessary to perform financial services, prepare financial statements, interpret accounting records, give advice, or audit and evaluate statements prepared by others. This program of study will also introduce students to mathematical modeling tools.



The Business, Marketing, and Finance Career Cluster® focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Successful completion of the Accounting & Financial Services program of study will fulfill requirements of the Business and Industry Endorsement. Approved Statewide Program of Study - September 2019





POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Microsoft Office Specialist or Expert - Excel	Certified Records Manager	Business Administration		
Microsoft Office Specialist or Expert - Word	Certified Facility Manager	Business/ Commerce		Business Management
Additional industry based certification information is available from the TEA CTE website.				
For more information on postsecondary options for this program of study, visit TXCTE.org.				

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Administrative Service Managers	\$96,138	2,277	21%
Management Analysts	\$87,651	4,706	32%
General and Operations Managers	\$107,640	18,679	20%
Operations Research Analysts	\$78,083	1,128	38%
Supervisors of Administrative Support Workers	\$57,616	14,982	20%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:

Business Professionals of America (BPA), Future Business Leaders of America (FBLA), and DECA

Work Based Learning Activities:

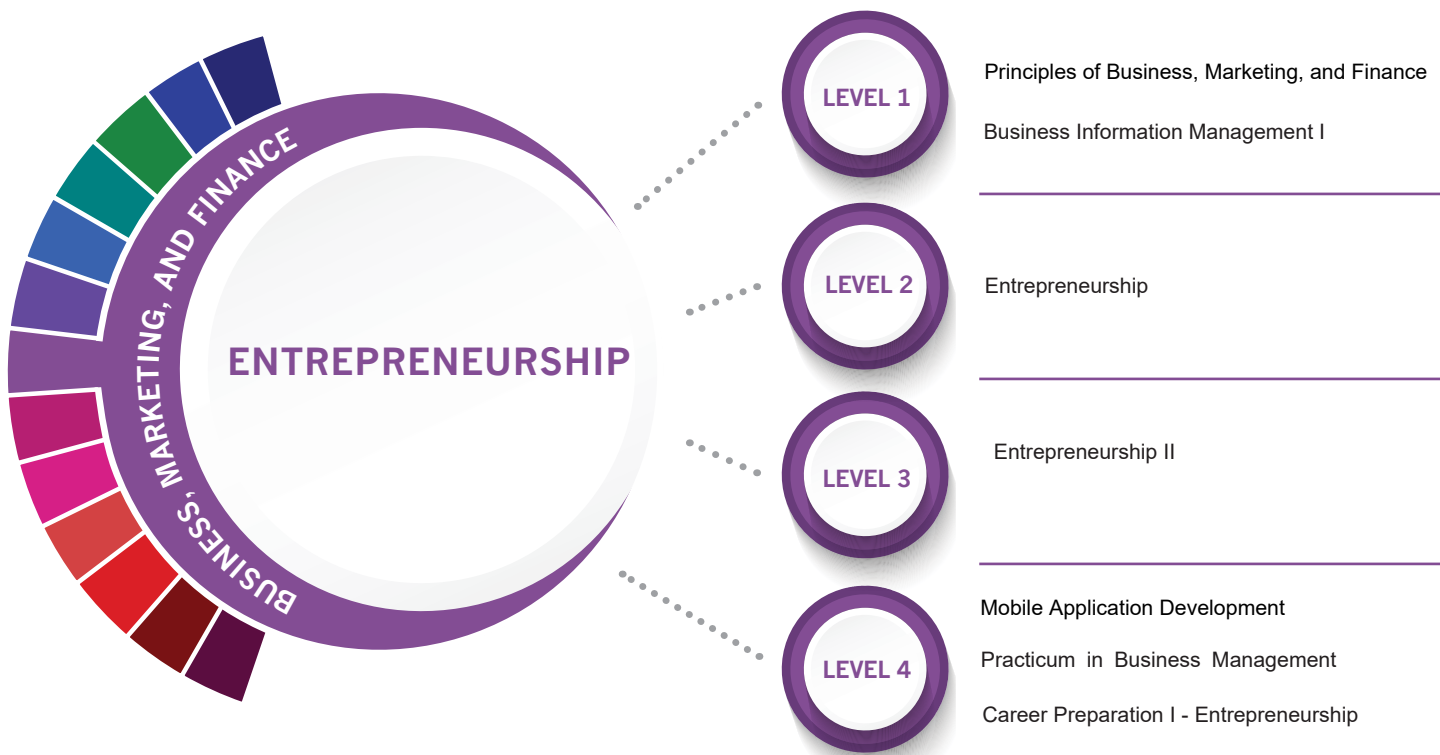
Internship with local business or chamber of commerce;

The Business Management program of study teaches CTE concentrators how to plan, direct, and coordinate the administrative services and operations of an organization. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources. This program of study will also introduce students to mathematical modeling tools and organizational evaluation methods.



The Business, Marketing, and Finance Career Cluster® focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Successful completion of the Business Management program of study will fulfill requirements of the Business and Industry Endorsement. Approved Statewide Program of Study - September 2019



POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Microsoft Office Expert - Excel	Certified Facility Manager	Business Administration and Management		
Microsoft Office Expert - Word	Certified Management Accountant	Business/ Commerce		
Entrepreneurship and Small Business	Certified Project Consultant	Public Administration		
	Accredited Management Consultant	Business Management	Management Science	

*Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
General and Operations Managers	\$107,640	18,679	20%
Management Analysts	\$87,651	4,706	32%
Managers, All Others	\$113,110	1,794	26%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities: Business Professionals of America (BPA), Future Business Leaders of America (FBLA), and DECA

Work Based Learning: Internship with local management consulting firm

The Entrepreneurship program of study teaches CTE concentrators how to plan, direct, and coordinate the management and operations of public or private sector organizations. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, analyze management structures, and plan for the use of materials and human resources.



The Business, Marketing, and Finance Career Cluster® focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Successful completion of the Entrepreneurship program of study will fulfill requirements of the Business and Industry Endorsement. Approved Statewide Program of Study - September 2019



Business Marketing and Finance

Accounting I - Tier 3

Accounting I DC # - Tier 5

TSDS PEIMS Code: 13016600 (ACCOUNT1) Grade Placement: 10–12, Credit: 1 Prerequisites: None.

Recommended Prerequisites: Principles of Business, Marketing, and Finance.

In Accounting I, students will investigate 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 the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial information for use in management decision making. Accounting includes such activities as bookkeeping, systems design, analysis, and interpretation of accounting information.

Accounting II - Tier 3

Accounting II DC # - Tier 5

TSDS PEIMS Code: 13016700 (ACCOUNT2) Grade Placement: 11–12, Credit: 1 Prerequisites: Accounting I.

In Accounting II, students will continue the investigation of 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 operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision making. 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 satisfies a math credit requirement for students on the Foundation High School Program.

Business Information Management I - Tier 3

Business Information Management I # - Tier 5

TSDS PEIMS Code: 13011400 (BUSIM1) Grade Placement: 9–12, Credits: 1 Prerequisite: None.

In Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Business Information Management II # - Tier 5

TSDS PEIMS Code: 13011500 (BUSIM2) Grade Placement: 10–12, Credits: 1

Prerequisite: Business Information Management I

In Business Information Management II, students 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.

Business Management - Tier 3

TSDS PEIMS Code: 13012100 (BUSMGT) Grade Placement: 10–12 Credits: 1 Prerequisite: None.

Business Management 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.

Entrepreneurship - Tier 3

TSDS PEIMS Code: 13034400 (ENTREP) Grade Placement: 10–12, Credit: 1 Prerequisite: None.

Recommended Prerequisites: Principles of Business, Marketing, and Finance.

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services.

Entrepreneurship II - Tier 3

TSDS PEIMS Code: N1303423 (ENTPRNR2) Grade Placement: 11–12 Credit: 1

Prerequisite: Entrepreneurship

The purpose of the course is to prepare 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.

Business Marketing and Finance

Mobile Application Development - Tier 3

TSDS PEIMS Code: 03580390 (TAMBAP)

Grade Placement: 9-12

Credit: 1

Prerequisite: Algebra I

Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem so

Practicum in Business Management - Tier 3

13012200 (First Time Taken) (PRACBM) 13012210

Grade Placement: 11–12, Credits: 2 Prerequisite: None. Recommended Prerequisites: Touch System Data Entry and Business Management or Business Information Management II. Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. 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.

Practicum in Business Management/ Extended Practicum in Business Management - Tier 3

TSDS PEIMS Code:13012205 (First Time Taken) Grade Placement: 11–12 Credits: 3 Prerequisite:

None.Recommended Prerequisites: Touch System Data Entry and Business Management or Business Information Management II.

Corequisite: Practicum in Business Management

Extended Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decision.

Business Marketing and Finance

Principles of Business, Marketing, and Finance - Tier 3

TSDS PEIMS Code: 13011200 (PRINBMF) Grade Placement: 9–11, Credits: 1 Prerequisite: None. In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the 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.

Touch System Data Entry - Tier 3

TSDS PEIMS Code: 13011300 (TSDATAE) Grade Placement: 9–10 Credits: .5

Prerequisite: None.

In Touch System Data Entry, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment.

Students will need to apply touch system data entry skills for production of business documents.

Career Preparation I - Accounting – Tier 3

Career Preparation I - Business Management – Tier 3

Career Preparation I - Entrepreneurship – Tier 3

TSDS PEIMS Code: 12701300 (CAREERP1) Grade Placement: 11–12 Credit: 2 Prerequisite: None.

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.

Career Preparation I/ Extended Career Preparation - Accounting - Tier 3

Career Preparation I/ Extended Career Preparation - Business Management -Tier 3

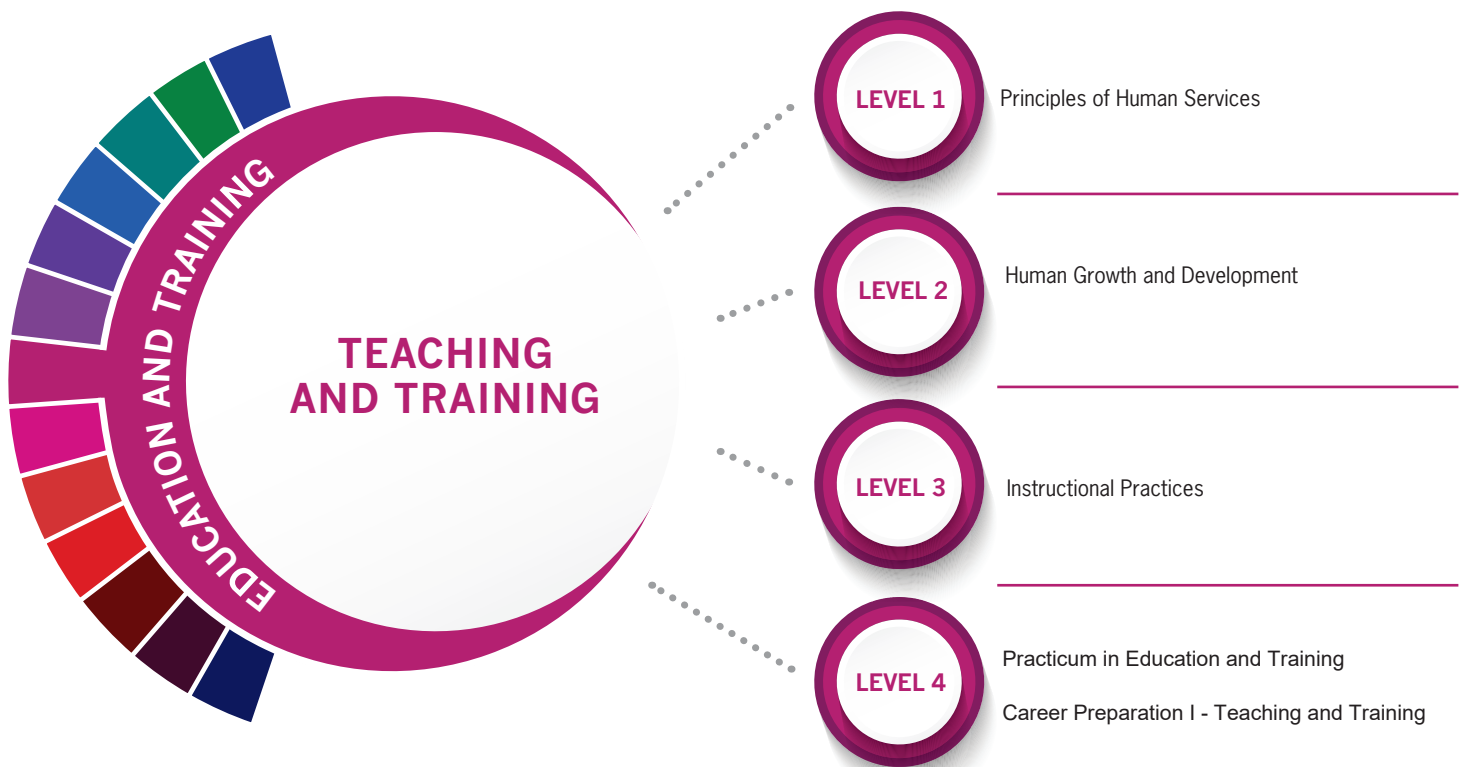
Career Preparation I/ Extended Career Preparation – Entrepreneurship- Tier 3

TSDS PEIMS Code: 12701305 (EXCAREE1) Grade Placement: 12 Credit: 3

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Corequisites: Career Preparation I.

Extended Career Preparation 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.



POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Educational Aide I	Texas Educator Certification Program	Teacher Education	Bilingual and Multilingual Education	Instruction and Learning
	Educational Instructional Technology	Education, General (or specific subject area)		Educational Leadership and Administration, General
	Counselor, Professional	Special Education		
	Athletic Trainer	Health and Physical Education/Fitness	Social and Philosophical Foundations of Education	

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Adult Basic and Secondary Education and Literacy Teachers and Instructors	\$48,069	862	17%
Middle School Teachers, Except Special and Career/Technical Education	\$54,510	6,407	15%
Career and Technical Education Teachers, Secondary School	\$56,360	719	9%
Special Education Teachers, Secondary School	\$56,720	980	18%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Texas Association of Future Educators, or Family, Career and Community Leaders of America

Work Based Learning Activities:
Teach a community education class; intern as a teaching assistant or tutor; serve as a camp counselor.

The Teaching and Training program of study prepares students for careers related to teaching, instruction, and creation of instructional and enrichment materials. The program of study introduces CTE concentrators to a wide variety of student groups and their corresponding needs. It familiarizes them with the processes for developing curriculum, coordinating educational content, and coaching groups and individuals.



The Education and Training Career Cluster® focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster.

Successful completion of the Teaching and Training program of study will fulfill requirements of the Public Service Endorsement. Approved Statewide Program of Study - September 2019

EDUCATION AND TRAINING

Human Growth and Development - Tier 3

TSDS PEIMS Code: 13014300 (HUGRDEV)

Grade Placement: 10–12, Credit: 1

Prerequisite: None.

Recommended Prerequisite: Principles of Education and Training.

Human Growth and Development 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.

Instructional Practices - Tier 3

TSDS PEIMS Code: 13014400 (INPRAC)

Grade Placement: 11–12, Credit: 2

Prerequisite: None.

Recommended Prerequisites: Human Growth and Development.

Instructional Practices 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 work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

Practicum in Education and Training - Tier 3

TSDS PEIMS Code: 13014500 (PRACEDT1) (First Time Taken)

TSDS PEIMS Code: 13014510 (PRACEDT2) (Second Time Taken)

Grade Placement: 12, Credit: 2

Prerequisite: Instructional Practices.

Recommended Prerequisites: Human Growth and Development.

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

Principles of Human Services - Tier 3

TSDS PEIMS Code: 13024200 (PRINHUSR)

Grade Placement: 9–12, Credit: 1

Prerequisite: None.

Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

EDUCATION AND TRAINING

Career Preparation I - Teaching and Training – Tier 3

TSDS PEIMS Code: 12701300 (CAREERP1)

Grade Placement: 11–12

Credit: 2

Prerequisite: None.

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.

Career Preparation I/Extended Career Preparation - Teaching and Training – Tier 3

TSDS PEIMS Code: 12701305 (EXCAREE1)

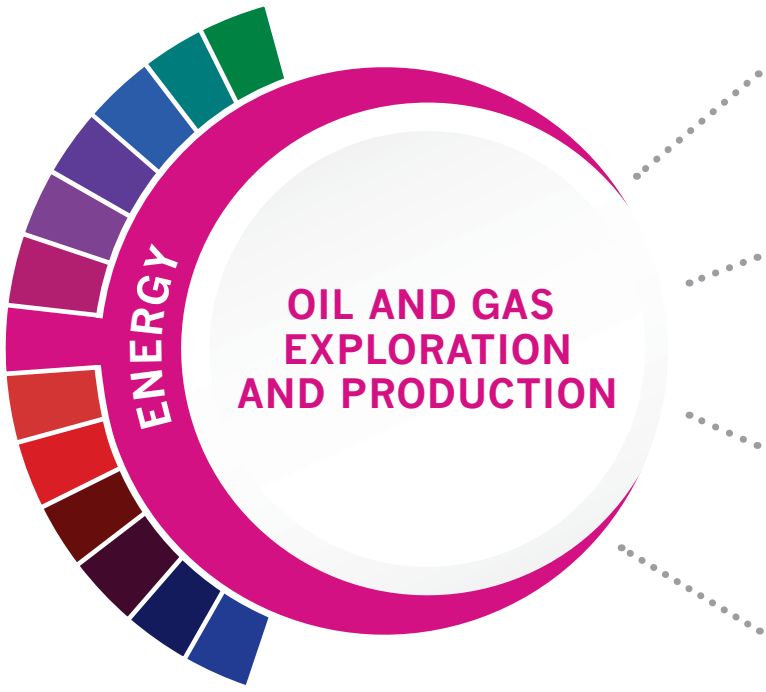
Grade Placement: 12

Credit: 3

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Corequisites: Career Preparation I.

Extended Career Preparation 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.



- LEVEL 1**
Foundations of Energy
and **(Taken Simultaneously)**
Occupational Safety and Environmental Technology I

- LEVEL 2**
Oil and Gas Production I
and **(Taken Simultaneously)**
Occupational Safety and Environmental Technology II

- LEVEL 3**
Oil and Gas Production II
and **(Taken Simultaneously)**
Oil and Gas Production III

- LEVEL 4**
Career Preparation I

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
NCCER Core	Above Ground Storage Tanks Inspector Certification	Petroleum Engineering		
NCCER Instrumentation 1	Pressure Vessels Inspector Certification	Chemical Engineering		
	Piping Inspector Certification	Petroleum Technology/Technician	Mechanical Engineering	
	API QUTE - Qualification of Ultrasonic Testing Examiners	Industrial Mechanics and Maintenance Technology	Industrial Engineering	
*Includes Level I and Level II Certificates				
For more information on postsecondary options for this program of study, visit TXCTE.org				

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Extraction Workers - All Other	\$44,616	145	25%
Extraction Workers	\$34,570	1,000	7%
Drill Operators, Oil and Gas	\$52,083	925	14%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

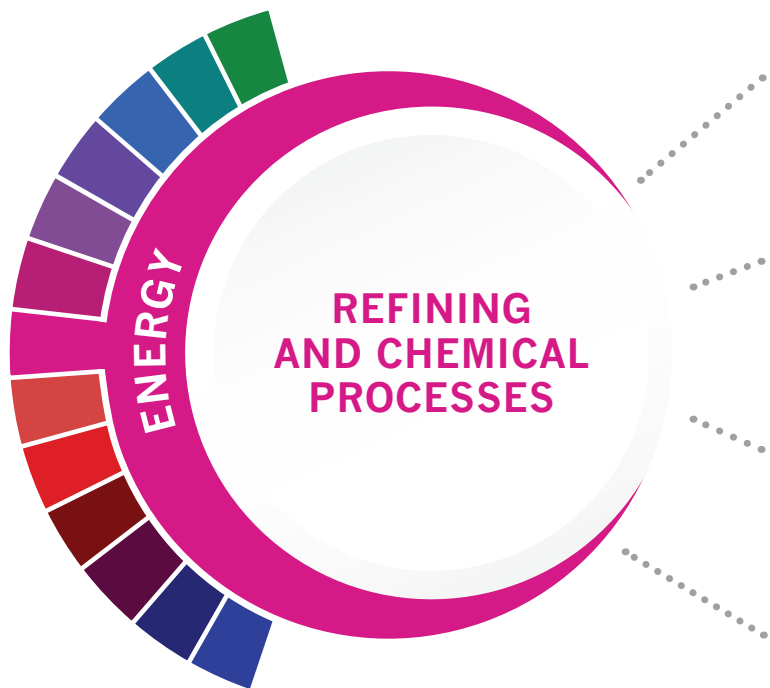
Career Preparation:
Intern at an oil or gas company, American Petroleum Institute Certification

Work Based Learning Activities:
Read trade publications to understand economic and political issues

The Oil and Gas Exploration and Production program of study focuses on processing, refining, and distributing petroleum and gas. It introduces students to the process of regulating the flow of oil into pipelines, controlling pumping systems, and operating and maintaining machinery to generate electric power.

★ The Energy Career Cluster® prepares individuals for careers in the designing, planning, maintaining, generating, transmission, and distribution of traditional and alternative energy.

Successful completion of the Oil and Gas Exploration and Production program of study will fulfill requirements of the Business and Industry Endorsement. Approved Statewide Program of Study - September 2019



- LEVEL 1**
- LEVEL 2**
- LEVEL 3**
- LEVEL 4**

Introduction to Process Technology
AC/DC Electronics (Spring)

Petrochemical Safety, Health, and Environment
Introduction to Instrumentation and Electrical

Applied Mathematics for Technical Professionals
Project Based Research

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
NCCER Core	Process Technology Certificate Level II	Process Technology	Business Administration and Management, General	
	Petroleum Energy Technology Certificate	Process Operating Technology	Business/ Commerce, General	
	Qualification of Ultrasonic Testing Examiners (Sizing)	Logistics, Material, and Supply Chain Management	Industrial Engineering	
	Certified Plant Supervisor	Petroleum Technology/ Technician	Petroleum Engineering	

* Includes Level I and Level II Certificates

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Gas Plant Operators	\$62, 650	312	9%
Petroleum Pump System Operators, Refinery Operators, and Gaugers	\$71,448	1,181	9%
Power Plant Operators	\$71, 635	309	9%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Tour a power plant or refinery

Work-Based Learning Activities:
Explore student summer conferences.

The Refining and Chemical Processes program of study helps students discover how to monitor, adjust, and control different equipment housed in petrochemical plants and refineries. It introduces students to the computer technology and instrumentation used to operate a variety of equipment systems and industrial processes, helping students build the skills needed to operate these systems.



The Energy Career Cluster® prepares individuals for careers in the designing, planning, maintaining, generating, transmission, and distribution of traditional and alternative energy.

Successful completion of the Refining and Chemical Processes program of study will fulfill requirements of the Business and Industry Endorsement.
Approved Statewide Program of Study - September 2019



ENERGY

Oil and Gas Exploration POS

Foundations of Energy - Tier 3

PEIMS Code: N1300263 Abbreviation: FOUNDEN Grade Level(s): 9-12 Award of Credit: 1.0
Foundations of Energy provides students with the fundamentals of Texas energy resources from conventional, unconventional, and renewable sources. Students develop knowledge and skills regarding career and educational opportunities in the production, transmission, and use of energy in Texas, including import and export markets for energy.

Occupational Safety & Environmental Technology I - Tier 3

PEIMS Code: N1303680 Abbreviation: OSET1 Grade Level(s): 9-12 Number of Credits: 1.0
During Occupational Safety & Environmental Technology (OSET) I, students will investigate the field of Occupational Safety and Health Administration and Environmental Technology, which is charged with the tasks of ensuring that business and industry provide a safe workplace, free from hazards and bringing about a reduction in the occurrence of job related injuries and fatalities. Students will use safety resources and discover procedures for collaborating with business and industry regarding ways to increase employee safety and health, reduce workers' compensation insurance costs and medical expenses, decrease payout for return-to-work programs, reduce faulty products, and lower costs for job accommodations for injured workers. The sequence of OSET courses provides students with the knowledge and skills to enter business and industry under OSET/OSHA. Students will be prepared to investigate hazards and create plans of action to address hazard controls for employers.

Occupational Safety & Environmental Technology II - Tier 3

PEIMS Code: N1303681 Abbreviation: OSET2 Grade Level(s): 9-12 Number of Credits: 1.0
During the Occupational Safety & Environmental Technology (OSET) II course, students will analyze the accident sequence, investigate hazard control concepts and principles, and examine fire protection systems and their applications with emphasis on the fire prevention codes and standards. Students will apply critical thinking skills to analyze system safety, organizational cultures, and the importance of leadership. Students will describe the organization of the accident investigation, from beginning to end. Students will examine analytical techniques in accident investigations and will utilize analytical investigation techniques to assist organizations in preventing accidents. Students will gain knowledge and skills necessary to make proactive hazard control an organizational priority. The sequence of OSET courses provides students with the knowledge and skills to enter business and industry under OSET/OSHA. Students will be prepared to investigate hazards and create plans of action to address hazard controls for employers.

Oil and Gas Production I - Tier 3

TSDS PEIMS Code: 13001250 (OILGP1) Grade Placement: 9–12 Credit: 1 Prerequisite: None.
In Oil and Gas Production I, students will identify specific career opportunities and skills, abilities, tools, certification, and safety measures associated with each career. Students will also understand components, systems, equipment, and production and safety regulations associated with oil and gas wells.

Oil and Gas Production II - Tier 3

TSDS PEIMS Code: 13001260 (OILGP2) Grade Placement: 10–12 Credit: 1 Prerequisites: Oil and Gas Production I. In Oil and Gas Production II, students will gain knowledge of the specific requirements for entry into post-secondary education and employment in the petroleum industry; research and discuss petroleum economics; research and discuss the modes of transportation in the petroleum industry; research and discuss environmental, health, and safety concerns; research and discuss different energy sources; and prepare for industry certification.

Oil and Gas Production III - Tier 3

PEIMS Code: N1300256 Abbreviation: PRODSYS3 Grade Level(s): 11-12 Number of Credits: 1.0
Oil and Gas Production III will provide students with the fundamentals of hydraulics and related systems. In this course, students will study well control practices applicable to drilling, completion and production. In this course, students will study well control practices, including well drilling and completion and oil production. This includes calculating and evaluating the characteristics of flowing and static fluids in various tubular and annular systems. This course may be taught with other aligned courses related to petroleum engineering technology to prepare students for the Offshore Drilling Technician certificate. Oil and Gas Production III provides a pathway for students to learn the industry based core competencies necessary for careers, certifications and/or degree programs relating to petroleum engineering technology. The courses in this high school program are aligned with postsecondary institutions' courses making articulation and dual credit courses possible.

ENERGY

Oil and Gas Exploration POS

Career Preparation I - Oil and Gas Exploration and Production - Tier 3

TSDS PEIMS Code: 12701300 (CAREERP1) Grade Placement: 11–12 Credit: 2 Prerequisite: None. 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.

Career Preparation I/Extended Career Preparation - Oil and Gas Exploration and Production– Tier 3

TSDS PEIMS Code: 12701305 (EXCAREE1) Grade Placement: 12 Credit: 3
Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.
Corequisites: Career Preparation I.
Extended Career Preparation 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.

ENERGY

Refinery and Chemical Process POS

Introduction to Process Technology DC# - Tier 5

TSDS PEIMS Code: N1300262 (INTRPT) Grade Placement: 11-12 Credit: 1
Introduction to Process Technology will introduce students to process technology professions, including the different career opportunities available, and required certification/postsecondary education requirements for each. Introduction to Process Technology is the first of two courses that provide a pathway for the student to learn core competencies, as identified by industries using process technology and postsecondary institutions. This course will provide instruction which can lead to degree programs that support employment in energy, oil and gas process and refining, and chemical manufacturing industries.

AC/DC Electronics DC# - Tier 5

TSDS PEIMS Code: 13036800 (ACDCELEC) Grade Placement: 10–12 Credit: 1 Prerequisite: None. Recommended Prerequisite: Principles of Applied Engineering.
AC/DC Electronics focuses on the basic electricity principles of alternating current/direct current (AC/DC) circuits. Students will demonstrate knowledge and applications of circuits, electronic measurement, and electronic implementation. Through use of the design process, students will transfer academic skills to component designs in a project-based environment. Students will use a variety of computer hardware and software applications to complete assignments and projects. Additionally, students will explore career opportunities, employer expectations, and educational needs in the electronics industry. **Note: This is a STEM course.**

Petrochemical Safety, Health, and Environment DC# - Tier 5

TSDS PEIMS Code: N1300264 (PSHAE) Grade Placement: 11-12 Credit: 1
The Petrochemical Safety, Health, and Environment course is important to learn about environmentally sound work habits within the various process industries, including but not limited to, petrochemical plants, refineries, oil and gas production, and power generation. Emphasis will be placed on safety, health, and environmental considerations in the performance of all job tasks and regulatory compliance matters. Topics include components of industrial plant safety and environmental programs, and the role of a process technician in relation to safety, health, and environmental equipment uses.

ENERGY

Refinery and Chemical Process POS

Project-Based Research DC# - Tier 5

TSDS PEIMS Code: 12701500 (First Time Taken) (PROBS1) Grade Placement: 11–12 Credit: 1
Prerequisite: None.

Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.



- LEVEL 1** Principles of Exercise Science and Wellness

- LEVEL 2** Kinesiology I

- LEVEL 3** Anatomy and Physiology
Kinesiology II (TBD)

- LEVEL 4** Practicum in Entrepreneurship (TBD)
Career Preparation I - Exercise Science and Wellness

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Certified Personal Trainer	Physical Therapist Assistant	Kinesiology and Exercise Science		Exercise Physiology
	Physical Therapy Aides	Therapeutic Recreation/ Recreational Therapy		
	Dietetic Technician	Athletic Training/ Trainer		
			Dietitians and Nutritionists	Physical Therapist

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Athletic Trainers	\$53,450	215	22%
Exercise Physiologists	\$41,662	33	33%
Coaches and Scouts	\$40,010	2,133	23%
Dietitians and Nutritionists	\$57,762	428	24%
Recreational Therapists	\$45,906	74	24%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Health Occupation Students of America (HOSA)

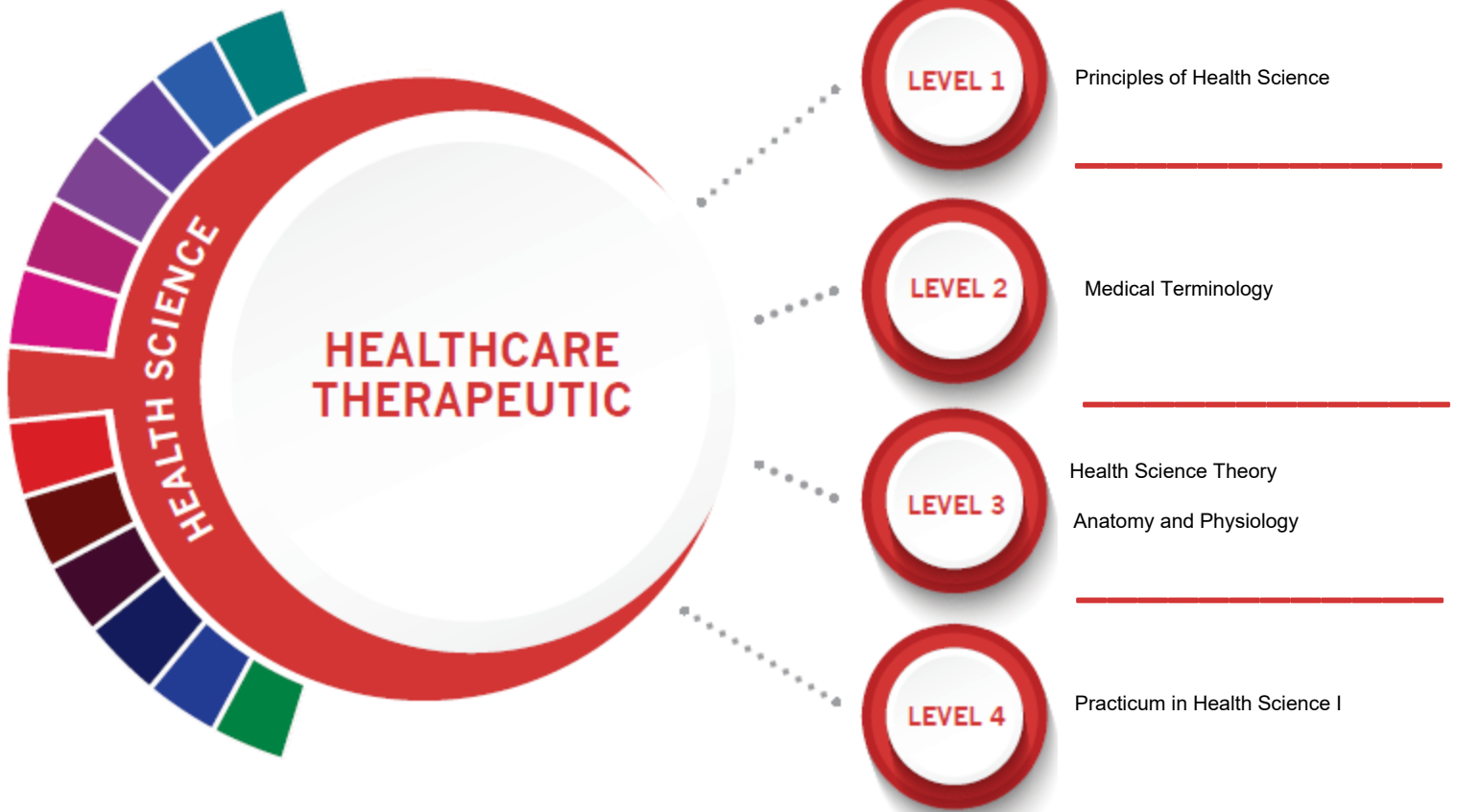
Work Based Learning Activities:
Volunteer at a hospital or rehabilitation center; manage a school sports team

The Exercise Science and Wellness program of study introduces students to the fields that assist patients with maintaining physical, mental, and emotional health. Students will research diet and exercise needed to maintain a healthy, balanced lifestyle and learn about and practice techniques to help patients recover from injury, illness, or disease.



The Health Science Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Exercise Science and Wellness program of study will fulfill requirements of the Public Service Endorsement.
Approved Statewide Program of Study - September 2019



HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Certified Medical Assistant	Licensed Vocational Nurse	Registered Nursing/ Registered Nurse	Informatics Nurse Specialists	Nurse Practitioner
Certified EKG/ ECG Technician				Nursing Administration
				Nurse Anesthetist

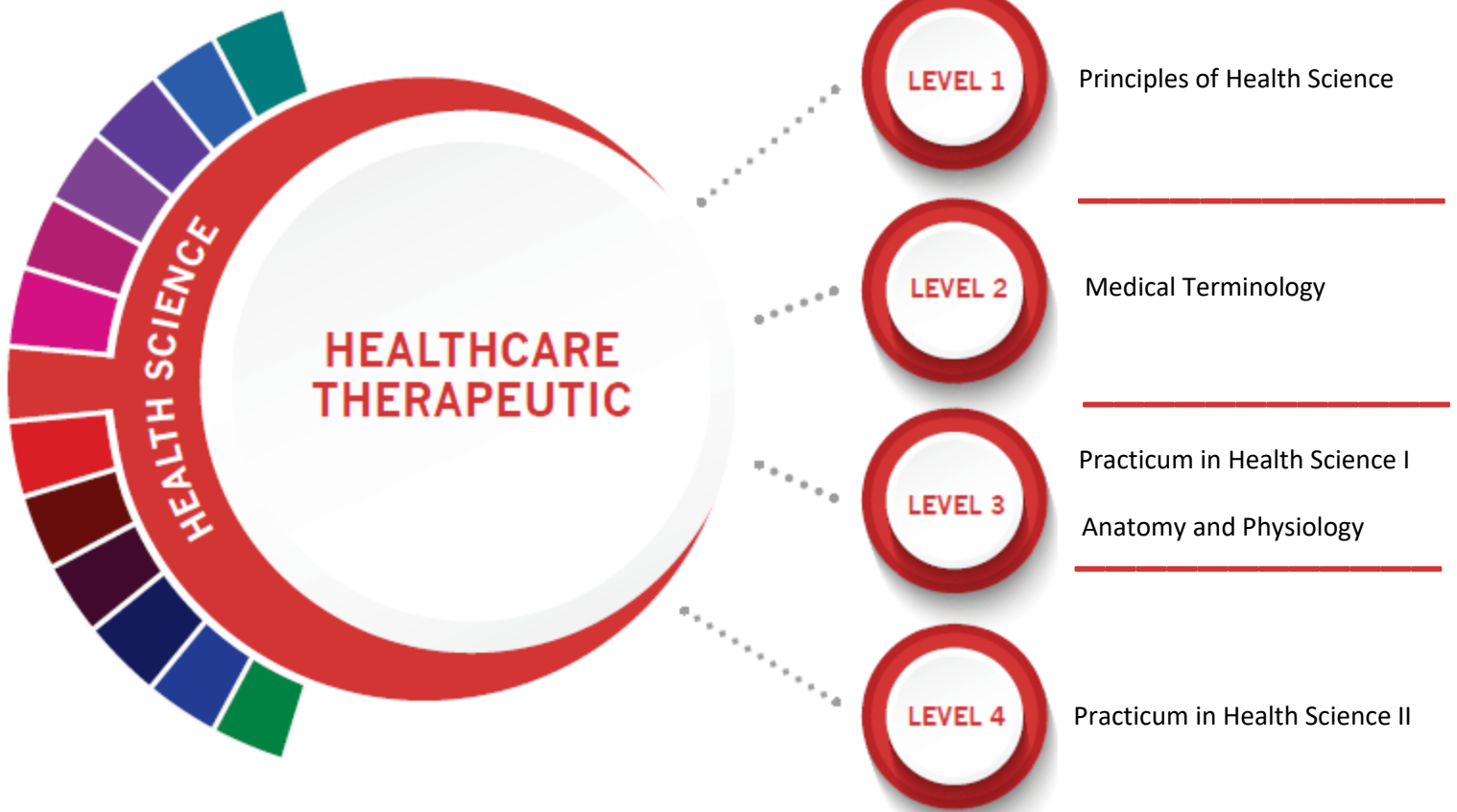
Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Medical Assistants	\$29,598	8,862	30%
Surgical Technologists	\$46,310	1,150	21%
Dental Hygienists	\$73,507	1,353	38%
Physicians and Surgeons	\$213,071	1,151	30%
Dental Assistants	\$34,840	4,422	31%

The Healthcare Therapeutic program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an Introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

The Health Science Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.



HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Certified Medical Assistant	Licensed Vocational Nurse	Registered Nursing/Registered Nurse	Informatics Nurse Specialists	Nurse Practitioner
Certified EKG/ECG / Patient Care/ Phlebotomy				Nursing Administration
Technician				Nurse Anesthetist

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
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The Health Science Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

MOODY AND VETERANS HIGH SCHOOL



LEVEL 1

Principles of Health Science
Principles of Nursing Science

LEVEL 2

Medical Terminology

LEVEL 3

Anatomy and Physiology DC#

LEVEL 4

Pathophysiology
Pharmacology
Practicum in Health Science

POSTSECONDARY OPTIONS

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Certified Medical Assistant	Licensed Vocational Nurse	Registered Nursing/ Registered Nurse	Informatics Nurse Specialists	Nurse Practitioner
Certified Nurse Aide/Assistant				Nursing Administration
Certified Patient Care Technician				Nurse Anesthetist

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Licensed Vocational Nurses	\$45,178	7,186	21%
Registered Nurses	\$68,682	17,493	26%
Nurse Practitioners	\$107,827	977	50%
Informatics Nurse Specialists	\$88,270	4,610	15%
Nurse Anesthetists	\$154,856	357	23%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Health Occupation Students of America (HOSA)

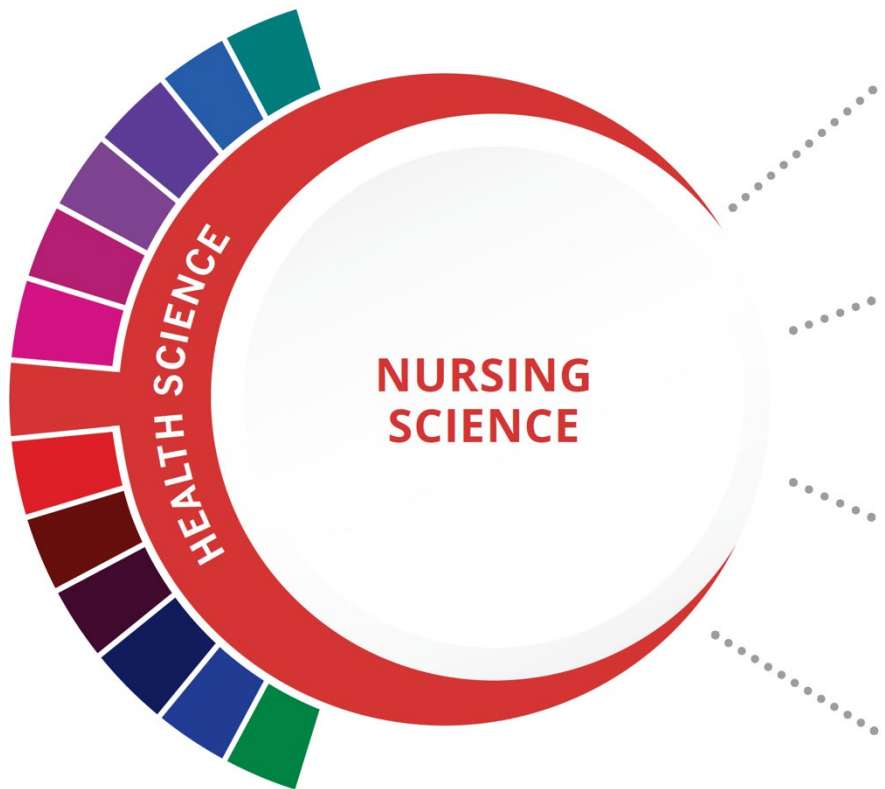
Work Based Learning Activities:
Volunteer at a community wellness center, hospital, assisted living center, or nursing home.

The Nursing Program of Study introduces students to knowledge and skills related to patient care. CTE concentrators may learn about or practice caring for patients, routine procedures such as monitoring vital signs, development and implementation of care plans, maintenance of medical records, and disease or pain management. Students may focus on the healthcare system and research system designs and make recommended modifications.



The Health Science Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Nursing program of study will fulfill requirements of the Public Service Endorsement. Approved Statewide Program of Study - September 2019



Level 1 Principles of Nursing

Level 2 Medical Terminology
Science of Nursing (TBD)

Level 3 Anatomy and Physiology
Leadership and Management in Nursing (TBD)

Level 4 Practicum in Nursing (TBD)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Certified Medical Assistant	Licensed Vocational Nurse	Registered Nursing/Registered Nurse	Informatics Nurse Specialists	Nurse Practitioner
Certified Nurse Aide/Assistant				Nursing Administration
Certified Patient Care Technician				Nurse Anesthetist

Occupations	Median Wage	Annual Openings	% Growth
Licensed Vocational Nurses	\$45,178	7,186	21%
Registered Nurses	\$68,682	17,493	26%
Nurse Practitioners	\$107,827	977	50%
Nurse Anesthetists	\$154,856	357	23%

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Health Occupation Students of America (HOSA)	Volunteer at a community wellness center, hospital, assisted living center, or nursing home.

The Nursing Science program of study introduces students to the knowledge and skills related to patient care. CTE learners may learn about or practice caring for patients, routine procedures such as monitoring vital signs, development and implementation of care plans, maintenance of medical records, and disease or pain management. Students may focus on the healthcare system and research system designs and make recommended modifications.



The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Nursing Science program of study will fulfill requirements of a Public Service endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020



Health Science

Anatomy and Physiology - Tier 3

Anatomy and Physiology DC# - Tier 5(Summer Only)

TSDS PEIMS Code: 13020600 (ANATPHYS) Grade Placement: 10–12 Credit: 1 Prerequisite: Biology and a second science credit. Recommended Prerequisite: A course from the Health and Science Career Cluster.

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human

Health Science Theory A CED# - Tier 5

Health Science Theory B CED# - Tier 5

TSDS PEIMS Code: 13020400 (HLTHSCI) Grade Placement: 10–12 Credit: 1 Prerequisites: Biology. Recommended Corequisite: Health Science Clinical.

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

Kinesiology I- Tier 5

PEIMS Code: N1302104 Abbreviation: KINES1 Grade Level(s): 9–10 Award of Credit: 1.0

TSDS PEIMS Code: N1302104 (KINES1)

This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will develop a foundation in Kinesiology I that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry-certified exam such as a certified personal trainer.

Medical Microbiology - Tier 3

TSDS PEIMS Code: 13020700 (MICRO) Grade Placement: 10–12 Credit: 1

Prerequisites: Biology and Chemistry.

Recommended Prerequisites: A course from the Health Science Career Cluster.

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Medical Terminology A CED# - Tier 5

Medical Terminology B DC# - Tier 5

Medical Terminology B CED# -Tier 5

TSDS PEIMS Code: 13020300 (MEDTERM) Grade Placement: 9–12 Credit: 1 Prerequisite: None. The

Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Practicum in Health Science First Time Taken A CED # - Tier 5

Practicum in Health Science First Time Taken B CED # - Tier 5

Practicum in Health Science Second Time Taken A CED # - Tier 5

Practicum in Health Science Second Time Taken B CED # - Tier 5

Practicum in Health Science Second Time Taken B (EMT) DC - Tier 5

TSDS PEIMS Code: 13020500 (First Time Taken) (PRACHLS1) TSDS PEIMS Code: 13020510 (Second Time Taken) (PRACHLS2)

Grade Placement: 11–12 Credit: 2 Prerequisites: Health Science Theory and Biology.

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Health Science

Practicum in Health Science - Tier 5

TSDS 13020500 (2 credits) This course is recommended for students in Grades 11 and 12. Prerequisites: Health Science Theory and Biology. Students shall be awarded two credits for successful completion of this course. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Principles of Exercise Science and Wellness - tier 3

TSDS PEIMS Code: N1302107 (EXSCIWL) Grade Level(s): 9–10 Award of Credit: 1.0

The Principles of Exercise Science and Wellness course is designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards. Students who take this course are ideally interested in such careers as physical therapy, athletic training, nutrition, personal training, and recreational therapy. The central focus of this course is to provide students with a solid foundation in the topics of health and wellness and increase their interest in the various careers available in these fields.

Principles of Health Science - Tier 3

TSDS PEIMS Code: 13020200 (PRINHLSC) Grade Placement: 9–10 Credit: 1 Prerequisite: None.

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

Principles of Nursing Science A DC# - Tier 5

Principles of Nursing Science B DC# - Tier 5

PEIMS Code: N1302109 Abbreviation: NURSSCI Grade Level(s): 9-10 Award of Credit: 1.0

The Principles of Nursing Science course introduces students to basic principles of the profession of nursing. The goals/student outcomes for the course include knowledge of the history of nursing, an introduction to nursing theory, professionalism (teamwork, communication, conflict resolution), legal/ethical issues in nursing, infection control, safety, and customer (patient) satisfaction. Skills learned include vital signs and how to document on a graphic record, patient positioning/transferring, bed-making, feeding, and personal protective equipment (PPE).

Career Preparation I - Exercise Science and Wellness – Tier 3

TSDS PEIMS Code: 12701300 (CAREERP1) Grade Placement: 11–12 Credit: 2 Prerequisite: None.

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.

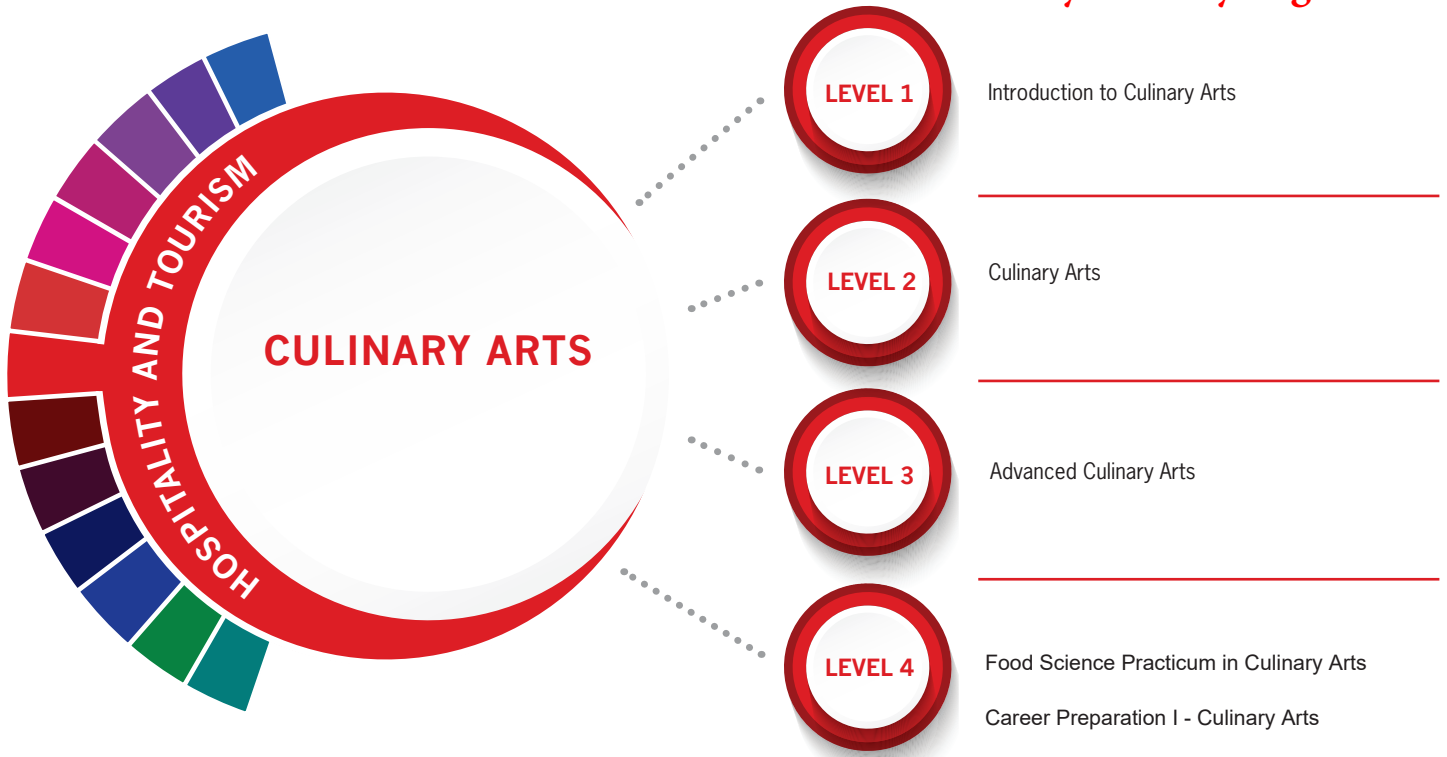
Career Preparation I/Extended Career Preparation - Exercise Science and Wellness – Tier 3

TSDS PEIMS Code: 12701305 (EXCAREE1) Grade Placement: 12 Credit: 3

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Corequisites: Career Preparation I.

Extended Career Preparation 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.



POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
ServSafe Manager	Comprehensive Food Safety	Hospitality Administration/Management, General		

Additional industry based certification information is available from the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Food and Beverage Managers	\$55,619	1,561	28%
Chef and Head Cooks	\$43,285	1,366	25%
Food Science Technicians	\$34,382	236	11%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Family, Career, Community Leaders of America (FCCLA), SkillsUSA, American Culinary Federation, Texas Restaurant Association	Plan a catering event or work for a catering company; participate in a cooking course; work in a restaurant; cook at home

The Culinary Arts program of study introduces students to occupations and educational opportunities related to the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study also explores opportunities involved in directing and participating in the preparation and cooking of food.



The Hospitality and Tourism Career Cluster® focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.

Successful completion of the Culinary Arts program of study will fulfill requirements of the Business and Industry Endorsement. Approved Statewide Program of Study - September 2019

HOSPITALITY AND TOURISM

Advanced Culinary Arts - Tier 3

TSDS PEIMS Code: 13022650 (ADCULART) Grade Placement: 11–12, Credit: 2 Prerequisite: Culinary Arts

Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards to prepare students for success in higher education, certifications, and/or immediate employment.

Culinary Arts - Tier 3

TSDS PEIMS Code: 13022600 (CULARTS) Grade Placement: 10–12, Credit: 2

Prerequisite: Principles of Hospitality or Introduction to Culinary

Recommended Prerequisites: Principles of Hospitality and Tourism and Introduction to Culinary Arts. 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 can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Food Science - Tier 3

TSDS PEIMS Code: 13023000 (FOODSCI) Grade Placement: 11–12, Credit: 1

Prerequisites: Three units of science, including Chemistry and Biology.

Recommended Prerequisite: Principles of Hospitality and Tourism.

In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration in food products, the principles underlying food processing, and the improvement of foods for the consuming public.

Note: *This course satisfies a science credit requirement for students on the Foundation High School Program.*

Introduction to Culinary Arts - Tier 3

TSDS PEIMS Code: 13022550 (INCULART) Grade Placement: 9–10 Credit: 1 Prerequisite: None.

Recommended Prerequisite: Principles of Hospitality and Tourism.

Introduction to Culinary Arts 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. Introduction to Culinary Arts will provide insight into 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.

Practicum in Culinary Arts - Tier 3

TSDS PEIMS Code: 13022700 (First Time Taken) (PRACCUL1)

13022710 (Second Time Taken) (PRACCUL2)

Grade Placement: 11–12 Credit: 2

Prerequisite: Culinary Arts.

Practicum in Culinary Arts 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. Practicum in Culinary Arts integrates academic and 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 culinary art based workplace.

HOSPITALITY AND TOURISM

Career Preparation I - Culinary Arts – Tier 3

TSDS PEIMS Code: 12701300 (CAREERP1)

Grade Placement: 11–12

Credit: 2

Prerequisite: None.

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.

Career Preparation I/Extended Career Preparation - Culinary Arts – Tier 3

TSDS PEIMS Code: 12701305 (EXCAREE1)

Grade Placement: 12

Credit: 3

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Corequisites: Career Preparation I.

Extended Career Preparation 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.



POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Community Health Worker	Registered Dietitian	Nutrition Sciences		
Entrepreneurship and Small Business	Counselor, Professional	Community Health Services/ Liaison/ Counseling	Mental Health Counseling/ Counselor	Community Health and Preventative Medicine
	Registered Dietitian Nutritionist	Health and Wellness, General	Nutrition	
	Social Worker	Public Health	Human Nutrition and Foods	Exercise and Sports Nutrition

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Community Health Workers	\$38,064	592	25%
Rehabilitation Counselors	\$43,930	586	23%
Mental Health Counselors	\$41,558	812	38%
Health Care Social Workers	\$55,515	1,583	35%
Dietitians and Nutritionists	\$57,762	428	24%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities: American Association of Family and Consumer Sciences; Family, Career and Community Leaders of America

Work Based Learning Activities: Job shadow a dietitian or nutritionist; work part-time at a counseling services center, health department or hospital

The Health and Wellness program of study introduces students to knowledge and skills related to promoting physical, emotional, social, and mental health and wellness. Students who choose this program of study may learn how to assist patients in planning for their health and wellness, respond to crises, and advise, provide education or counseling, or make referrals. CTE concentrators may also focus on addressing barriers to access health and wellness services.



The Human Services Career Cluster® focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.

Successful completion of the Health and Wellness program of study will fulfill requirements of the Public Service Endorsement. Approved Statewide Program of Study - September 2019



LEVEL 1

Nails Care, Enhancement and Spa Services A (Fall)
Nails Care, Enhancement and Spa Services B (Spring)

LEVEL 2

Principles of Cosmetology Design and Color Theory # DC (Fall)
Esthetics # DC (Spring)

LEVEL 3

Cosmetology 1 with LAB DC # A
Cosmetology 1 with LAB DC # B
Cosmetology 1 with LAB DC # C
All courses completed in Summer

LEVEL 4

Cosmetology II DC # A (Fall)
Cosmetology II DC # B (Fall)
and
Cosmetology II DC # C (Spring)
Cosmetology II DC # D (Spring)

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Community Health Worker	Human Development and Family Studies	Human Development and Family Studies		
Certified Associate in Project Management	Community Health Services/Liaison/Counseling	Human Services/Sciences, General		Marriage and Family Therapy/Counseling
	Distance Credentialed Counselor	Family and Consumer Sciences		Human Services/Sciences
	Educator Certification in Family and Consumer Sciences	Community Health Services	Child and Family Services	Family Studies

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Child, Family, and School Social Workers	\$41,350	2,221	17%
Social and Community Services Managers	\$65,146	608	33%
Marriage and Family Therapists	\$42,266	217	35%
Social and Human Service Assistants	\$32,448	2,822	25%
Mental Health and Substance Abuse and Behavioral Disorder Counselors	\$42,120	576	39%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
American Association of Family and Consumer Sciences, Family, Career and Community Leaders of America

Work Based Learning Activities:
Volunteer at a community center; intern for a community non-profit organization

The Family and Community Services program of study introduces students to knowledge and skills related to social services, including child and human development and consumer sciences. CTE concentrators may learn about or practice managing social and community services or teaching family and consumer sciences. Students may follow career paths in social work or therapy for children, families, or school communities.



The Human Services Career Cluster® focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.

Successful completion of the Family and Community Services program of study will fulfill requirements of the Public Service Endorsement.
Approved Statewide Program of Study - September 2019

HUMAN SERVICES: FAMILY AND COMMUNITY SERVICES

Applied Nutrition and Dietetics

TSDS PEIMS Code: N1302541 (APPNUTR) Grade Placement: 10–12 Credit: 1

Recommended prerequisite: Principles of Human Services, Lifetime Nutrition and Wellness and/or Human Growth and Development.

The Applied Nutrition and Dietetics course builds on the fundamental nutritional knowledge gained from the Lifetime Nutrition and Wellness course by reinforcing professional standards, food safety and sanitation, food service and management, and nutrition care for individuals and groups at a deeper level. The course also introduces and applies career focused and real-world topics related to nutrition such as the nutrition care process, types of nutrition education and counseling, development of nutrition programs, and nutrition industry related research. Students will research requirements necessary to become a professional in the nutrition and dietetics field such as a registered dietitian, licensed nutritionist, or clinical dietitian.

Human Growth and Development - Tier 3

TSDS PEIMS Code: 13014300 (HUGRDEV)

Grade Placement: 10–12 Credit: 1

Prerequisite: None.

Recommended Prerequisite: Principles of Education and Training. Human Growth and Development 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.

Interpersonal Studies - Tier 3

TSDS PEIMS Code: 13024400 (INTERSTU) Grade Placement: 9–12 Credit: .5 Prerequisite: None.

Recommended Prerequisite: Principles of Human Services, Principles of Hospitality and Tourism, Principles of Health Science, or Principles of Education and Training.

Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

Lifetime Nutrition and Wellness - Tier 3

TSDS PEIMS Code: 13024500 (LNURTWEL) Grade Placement: 9–12 Credit: .5 Prerequisite: None.

Recommended Prerequisite: Principles of Human Services, Principles of Hospitality and Tourism, or Principle of Health Science.

Lifetime Nutrition and Wellness is a laboratory course that 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.

Practicum in Human Services - Tier 3

TSDS PEIMS Code: 13025000 (First Time Taken) (PRACHUS1) 13025010 (Second Time Taken) (PRACHUS2)

Grade Placement: 11–12 Credit: 2 Prerequisite: None.

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Principles of Human Services- Tier 3

TSDS PEIMS Code: 13024200 (PRINHUSR) Grade Placement: 9-12, Credit: 1 Prerequisite: None.

Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

HUMAN SERVICES: FAMILY AND COMMUNITY SERVICES

Career Preparation I – Tier 3

TSDS PEIMS Code: 12701300 (CAREERP1)

Grade Placement: 11–12

Credit: 2

Prerequisite: None.

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.

Career Preparation I/Extended Career Preparation – Tier 3

TSDS PEIMS Code: 12701305 (EXCAREE1)

Grade Placement: 12

Credit: 3

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Corequisites: Career Preparation I.

Extended Career Preparation 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.

HUMAN SERVICES: FAMILY AND COMMUNITY SERVICES

COSMETOLOGY

Nail Care, Enhancements and Spa Services A # DC – Tier 5

PEIMS Code: N1302531 Abbreviation: COSMETM Grade Placement: Meets CCISD Dual Credit application requirements Credits: .5 Prerequisite: None Del Mar College Course Title: CSME 1405 Fundamentals of Cosmetology (COS) (4hours) - Fall semester
A course in the basic fundamentals of cosmetology. Topics include safety and sanitation, service preparation, manicure, facial, chemical services, shampoo, haircut, wet styling, and comb out.

Nail Care, Enhancements and Spa Services B # DC – Tier 5

PEIMS Code: N1302531 Abbreviation: COSMETM Grade Placement: Meets CCISD Dual Credit application requirements Credits: 1.5 Prerequisite: Nail Care, Enhancements and Spa Services A # DC Del Mar College Course Title: CSME 1443 Manicuring and Related Theory (4 hours) - Spring semester
Presentation of the theory and practice of nail services. Topics include terminology, application, and workplace competencies related to nail services.

Principles of Cosmetology Design and Color Theory # DC – Tier 5

TSDS PEIMS Code: 13025050 (PRICOSMO) Grade Placement: 11 Credit: 1 Prerequisites: Nail Care, Enhancements and Spa Services B # DC Del Mar College Course Title: CSME 1310 Introduction to Haircutting and Theory (3 hours) - Fall semester
An introduction to the theory and practice of hair cutting. Topics include terminology, implements, sectioning and finishing techniques.

Esthetics A # DC – Tier 5

TSDS PEIMS Code: N1302533 (COSMETF)
Grade Level(s): 11-12 Credits: .5 Prerequisite: Principles of Cosmetology Design and Color Theory # DC Del Mar College Course: CSME 1244 Introduction to Salon Development (2 hours) - Spring semester
An overview of the procedures and operations as related to salon management.

Esthetics B # DC – Tier 5

TSDS PEIMS Code: N1302533 (COSMETF)
Grade Level(s): 11-12 Credits: .5 Prerequisite: Esthetics A # DC Del Mar College Course: CSME 1248 Principles of Skin Care (2 hours) - Spring semester
Introduction of the theory and practice of skin care.

Cosmetology 1 LAB A # DC – Tier 5

TSDS PEIMS Code: 13025210
Grade Placement: 11 and meet CCISD Dual Credit application requirements Credits: 1 Prerequisite: Esthetics Del Mar College Course Title: CSME 1354 Artistry of Hair Design 1 (3 hours) - **Summer Only**
An introduction to hair design. Topics include the theory and applications of wet styling, thermal hair styling, and finishing techniques.

Cosmetology 1 LAB B # DC – Tier 5

TSDS PEIMS Code: 13025210
Grade Placement: 11 and meet CCISD Dual Credit application requirements Credits: 1 Prerequisite: Esthetics Del Mar College Course Title: CSME 1453 Chemical Reformation & Related Theory (4 hours) - **Summer Only**
Presentation of the theory and practice of chemical reformation including terminology, application, and workplace competencies.

HUMAN SERVICES: FAMILY AND COMMUNITY SERVICES

COSMETOLOGY

Cosmetology 1 LAB C # DC – Tier 5

TSDS PEIMS Code: 13025210

Grade Placement: 11 and meet CCISD Dual Credit application requirements Credits: 1 Prerequisite: Esthetics Del Mar College Course Title: CSME 2401 Principles of Hair Coloring (4 hours) -

Summer Only

Presentation of the theory, practice, and chemistry of hair color. Topics include terminology, application and workplace competencies related to hair color.

Cosmetology II A DC# - Tier 5

TSDS PEIMS Code: 13025300 Grade Placement: 12 and meet CCISD Dual Credit application requirements Credits: 0.5 Prerequisite: Cosmetology I DC# Del Mar College Course Title: CSME 2439 Advanced Hair Design (4 hours) – Fall semester

Advanced concepts in the theory and practice of hair design.

Cosmetology II B DC# - Tier 5

TSDS PEIMS Code: 13025300 Grade Placement: 12 and meet CCISD Dual Credit application requirements Credits: 0.5 Prerequisite: Cosmetology I DC# Del Mar College Course Title: CSME 2310 Advanced Hair Cutting & Theory (3 hours) – Fall semester

Advanced concepts and practice of haircutting. Topics include haircuts utilizing scissors, razor and/or clippers.

Cosmetology II C DC# - Tier 5

TSDS PEIMS Code: 13025300 Grade Placement: 12 and meet CCISD Dual Credit application requirements Credits: 0.5 Prerequisite: Cosmetology I DC# Del Mar College Course Title: CSME 2337 Advanced Cosmetology Techniques (3 hours) – Spring semester

Mastery of advanced cosmetology techniques including hair designs, professional cosmetology services and workplace competencies.

Cosmetology II D DC# - Tier 5

TSDS PEIMS Code: 13025300 Grade Placement: 12 and meet CCISD Dual Credit application requirements Credits: 0.5 Prerequisite: Cosmetology I DC# Del Mar College Course Title: CSME 2441 Preparation for State Examination (4 hours) – Spring semester

Preparation for the state licensing examination.



- LEVEL 1

- LEVEL 2

- LEVEL 3

- LEVEL 4

Firefighter 1

Emergency Medical Technician Basic and Disaster Response (Taken simultaneously, Summer Only)

Firefighter 2

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Basic Structure Fire Protection Certification	Fire Protection System Contractor	Fire Science/ Fire-fighting		

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Firefighters	\$50,149	2,309	13%
Fire Inspectors and Investigators	\$54,787	161	14%
Emergency Medical Technicians	\$34,091	1,880	31%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities: Attend local emergency awareness events; Texas Public Service Association
Work Based Learning Activities: Volunteer at a hospital or a fire station

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

The Emergency Services program of study focuses on training students to respond to emergency situations, namely medical emergencies and fire-based emergencies. Students may learn how to prevent emergencies, respond appropriately and in accordance with rules and regulations during crises, and investigate and delineate the source of the emergency.



The Law and Public Service Career Cluster® focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.

Successful completion of the Emergency Services program of study will fulfill requirements of the Public Service Endorsement. Approved Statewide Program of Study - September 2019



- LEVEL 1** Principles of Law, Public Safety, Corrections, and Security

- LEVEL 2** Law Enforcement I
Correctional Services

- LEVEL 3** Law Enforcement II
Forensic Science

- LEVEL 4** Practicum in Law, Public Safety
Corrections, and Security

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Non-Commissioned Security Officer Level II	Law Enforcement Officer	Criminal Justice/Safety Studies/Law Enforcement Administration		
	Private Investigator/Security Guard	Criminal Justice/ Police Science		
	Code Enforcement Officer	Corrections	Juvenile Corrections	
	Certified Law Enforcement Planner	Criminalistics and Criminal Science	Cyber/ Computer Forensics and Counterterrorism	Natural Resources Law Enforcement and Protective Services

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Police and Sheriff's Patrol Officers	\$60,112	5,241	13%
Probation Officers and Correctional Treatment Officers	\$44,054	793	9%
Correctional Officers and Jailers	\$40,186	4,683	9%
Immigration and Customs Inspectors	\$78,104	1,236	9%
First-Line Supervisors of Police and Detectives	\$91,312	253	25%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Texas Public Service Association;
criminal justice clubs

Work Based Learning Activities:
Attend court hearings and other legal procedures.

The Law Enforcement program of study teaches students about the development of, adherence to, and protection of various branches of law. Students may learn how to appropriately and legally respond to breaches in the law according to statutory rules and regulations as well as investigate how and why the breaches occurred.



The Law and Public Service Career Cluster® focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.

Successful completion of the Law Enforcement, Investigations, Security, and Corrections program of study will fulfill requirements of the Public Service Endorsement. Approved Statewide Program of Study - September 2019

Law, Public Safety, Corrections & Security

FIREFIGHTER

Firefighter I A DC# - Tier 5

TSDS PEIMS Code: 13029900 (FIRE1) Grade Placement: 11–12 and meet CCISD Dual Credit application requirements Credit: 0.5 Prerequisite: None Del Mar College Course Title: FIRS 1301 - Firefighter Certification 1 (3 hours)

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification II, III, IV, V, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100. ***THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION.***

Firefighter I B DC# - Tier 5

TSDS PEIMS Code: 13029900 (FIRE1) Grade Placement: 11–12 and meet CCISD Dual Credit application requirements Credit: 0.5 Prerequisite: None Del Mar College Course Title: FIRS 1407 - Firefighter Certification 2 (4 hours)

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, III, IV, V, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100. ***THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION.***

Firefighter 1 C DC# - Tier 5

TSDS PEIMS Code: 13029900 (FIRE1) Grade Placement: 11–12 and meet CCISD Dual Credit application requirements Credit: 0.5 Prerequisite: None Del Mar College Course Title: FIRS 1313 - Firefighter Certification 3 (3 hours)

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, IV, V, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100. ***THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION.***

Firefighter 1 D DC# - Tier 5

TSDS PEIMS Code: 13029900 (FIRE1) Grade Placement: 11–12 and meet CCISD Dual Credit application requirements Credit: 0.5 Prerequisite: None Del Mar College Course Title: FIRS 1319 - Firefighter Certification 4 (3 hours)

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, III, V, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100. ***THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION.***

Law, Public Safety, Corrections & Security

FIREFIGHTER

Emergency Medical Technician Basic (First Time Taken) # DC – Tier 5

TSDS PEIMS Code: N1303015 Grade Placement: 11–12 and meet CCISD Dual Credit application requirements Credit: 2 Prerequisites: Practicum in Health/Science Extended Practicum (Fire Fighter First Time Taken) DC# Del Mar College Course Title: EMSP 1501 EMT Basic (5 hours) - **Summer**
Preparation for certification as an Emergency Medical Technician (EMT).

Disaster Response DC# - Tier 5

TSDS PEIMS Code: N1303011 (DISRESP) Grade Placement: 11 and 12 and meet CCISD Dual Credit application requirements Credit: 1 Prerequisite: Emergency Medical Technician Basic (First Time Taken) DC# Del Mar College Course Title: EMSP 1160 Clinicals (1 hour) – **Summer**

Firefighter II A DC# – Tier 5

TSDS PEIMS Code: 13030000 (FIRE2) Grade Placement: 12 Credit: 0.5 Prerequisite: Firefighter I D DC# Del Mar College Course Title: FIRS 1323 - Firefighter Certification 5 (3 hours)

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, III, IV, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100.

THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION.

Firefighter II B DC# – Tier 5

TSDS PEIMS Code: 13030000 (FIRE2) Grade Placement: 12 Credit: 1 Prerequisite: Firefighter I D DC# Del Mar College Course Title: FIRS 1329 - Firefighter Certification 6 (3 hours)

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, III, IV, V, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100.

THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION.

Firefighter II C DC# – Tier 5

TSDS PEIMS Code: 13030000 (FIRE2) Grade Placement: 12 Credit: 1 Prerequisite: Firefighter I D DC# Del Mar College Course Title: FIRS 1433 Firefighter Certification VII (4 hours)

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, III, IV, V, and VI to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100.

THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION.

Firefighter II D DC# – Tier 5

TSDS PEIMS Code: 13030000 (FIRE2) Grade Placement: 12 Credit: 0.5 Prerequisite: Firefighter I D DC# Del Mar College Course Title: FIRS 1103 - Firefighter Agility and Fitness Preparation (1 hours) Physical ability testing methods. Rigorous training in skills and techniques needed in typical fire department physical ability tests.

Law, Public Safety, Corrections & Security

Correctional Services - Tier 3

TSDS PEIMS Code: 13029700 (CORRSRVS) Grade Placement: 10–12 Credit: 1
Prerequisite: None. Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security. In Correctional Services, students prepare for certification required for employment as a municipal, county, state, or federal correctional officer. Students will learn the role and responsibilities of a county or municipal correctional officer; discuss relevant rules, regulations, and laws of municipal, county, state, or federal facilities; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the municipal, county, state, or federal correctional setting. Students will analyze rehabilitation and alternatives to institutionalization for inmates.

Forensic Science - Tier 3

TSDS PEIMS Code: 13029500 (FORENSCI) Grade Placement: 11–12 Credit: 1 Prerequisites: Biology and Chemistry. Recommended Prerequisite or Corequisite: Any Law, Public Safety, Corrections, and Security Career Cluster course. Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science. Scientific methods of investigation can be experimental, descriptive, or comparative. The method chosen should be appropriate to the question being asked. Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Law Enforcement I - Tier 3

TSDS PEIMS Code: 13029300 (LAWENF1) Grade Placement: 10–12 Credit: 1 Prerequisite: None. Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security. Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand 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.

Law Enforcement II - Tier 3

TSDS PEIMS Code: 13029400 (LAWENF2) Grade Placement: 10–12 Credit: 1 Prerequisite: None. Recommended Prerequisite: Law Enforcement I. Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

Practicum in Law, Public Safety, Corrections, and Security - Tier 3

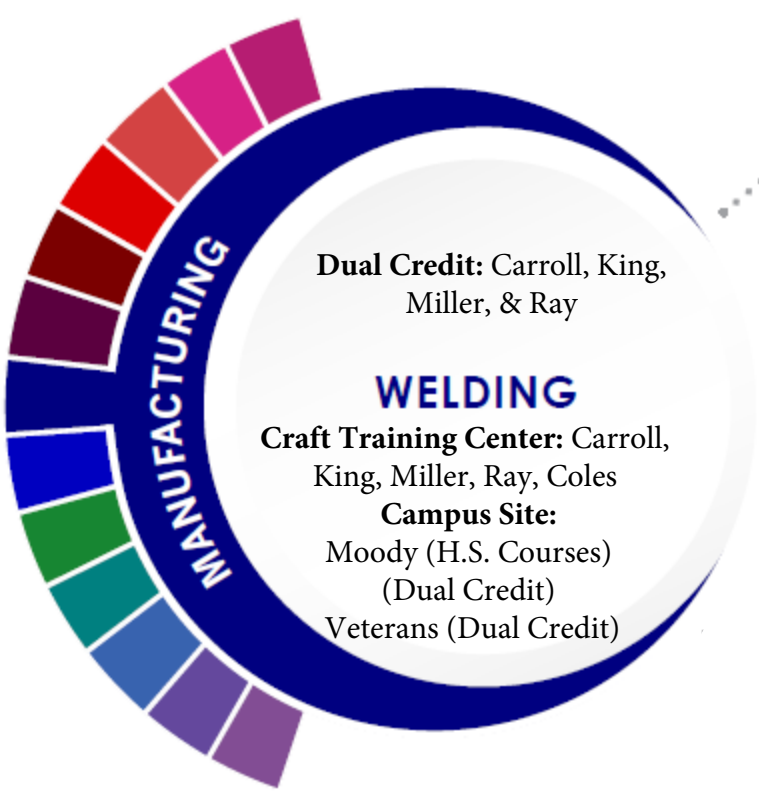
TSDS PEIMS Code: 13030100 (First Time Taken) (PRACTPS1) 13030110
(Second Time Taken) (PRACTPS2)

Grade Placement: 11–12 Credit: 2 Prerequisite: None.

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Principles of Law, Public Safety, Corrections, and Security - Tier 3

TSDS PEIMS Code: 13029200 (PRINLPCS) Grade Placement: 9–12 Credit: 1 Prerequisite: None. Principles of Law, Public Safety, Corrections, and Security 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.



Introduction to Welding



Welding I



Welding II

Practicum in Manufacturing(CTC)

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
AWS Certified Welder, D1.1, D9.1	Certified Welder or Welder Inspector	Welding Technology/Welder	Welding Engineering Technology/Technician	
ASW SENSE Level 1	Machining Level 1 - CNC Milling: Programming Setup & Operations	Machine Shop Technology/Assistant	Biomedical Technology/Technician	Occupational Health and Industrial Hygiene
API 1104 Welding Certificate	Certified Welding Engineering	Operations Management and Supervision		
NCCER Welding, Level 1	Certified Environmental, Safety, and Health Trainer	Occupational Safety and Health Technology/Technician	Environmental Health	

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Welders, Cutters, Solderers, and Brazers	\$41,350	6,171	9%

The Welding program of study focuses on the development and use of automatic and computer-controlled machines, tools, and robots that perform work on metal or plastic. Students will learn how to modify parts to make or repair machine tools or maintain individual machines, and how to use hand-welding or flame-cutting equipment.

The Manufacturing Career Cluster focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical supports activities such as production planning and control, maintenance and manufacturing/process engineering.

Manufacturing

Introduction to Welding - Tier 3 (Moody Only)

Introduction to Welding A - Tier 3 (Veterans Only)

Introduction to Welding A DC# - Tier 5 (Carroll, King, Miller, & Ray)

Introduction to Welding B DC# - Tier 5 (Carroll, King, Miller, Ray & Veterans)

TSDS PEIMS Code: 13032250 (INTRWELD) Grade Placement: 9–12 Credit: 1 Prerequisite: None. Recommended Prerequisite or Corequisite: Algebra I. Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

Practicum in Manufacturing (CTC) - Tier 3

TSDS PEIMS Code: 13033000 (First Time Taken) (PRACMAN1)
13033010 (Second Time Taken) (PRACMAN2) Grade Placement: 12 Credit: 2 Prerequisite: None. The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Welding I - Tier 3 (Moody Only)

Welding I (CTC) - Tier 3

Welding I A DC#- Tier 5 (Veterans Only)

Welding I B DC# - Tier 5 (Veterans Only)

TSDS PEIMS Code: 13032300 (WELD1) Grade Placement: 10–12 Credit: 2 Prerequisite: None. Recommended Prerequisites: Algebra I, Principles of Manufacturing, Introduction to Precision Metal Manufacturing, or Introduction to Welding. Welding I provide the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

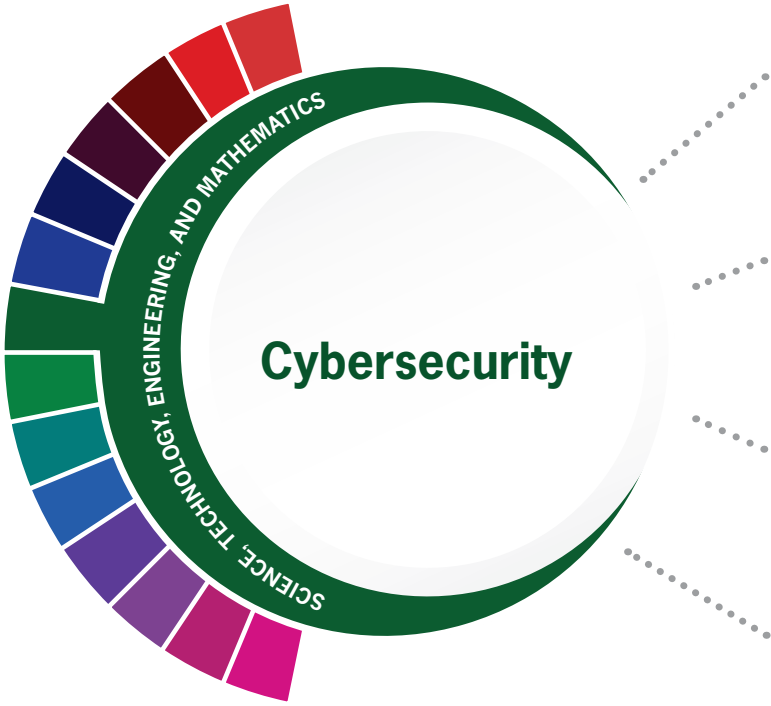
Welding II - Tier 3 (Moody Only)

Welding II (CTC) - Tier 3

Welding II A DC# - Tier 5 (Veterans Only)

Welding II B DC# - Tier 5 (Veterans Only)

TSDS PEIMS Code: 13032400 (WELD2) Grade Placement: 11–12 Credit: 2 Prerequisites: Welding I
Recommended Prerequisites: Algebra I or Geometry. Recommended Corequisite: Welding II Lab. Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.



LEVEL 1

Foundations of Cybersecurity

LEVEL 2

Computer Science I
AP Computer Science Principles

LEVEL 3

Digital Forensics
AP Computer Science A

LEVEL 4

Cybersecurity Capstone (PLTW- Cybersecurity)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Oracle Certified Associate Java SE 8	GIAC Reverse Engineering Malware	System Networking, and LAN/WAN Management	Computer Systems Networking and Telecommunications	Computer Systems Analysis/Analyst
Oracle Certified Database Associate	Certified Advanced Windows Forensic Examiner	Information Technology	Computer Systems Networking and Telecommunications	Information Technology
Cisco Certified Entry Networking Technician (CCENT)	SAP Certified Technology Professional System Security Architect	Computer and Information Sciences, General		
CompTIA A+, Network+, Security+, and IT Fundamentals	Cisco Certified Network Professional Security Certification	Computer Science		
Additional industry based certification information is available from the TEA CTE Website				
For more information on postsecondary options for this program of study, visit TXCTE.org.				

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Information Security Analysts	\$91,915	814	29%
Network and Computer System Administrators	\$82,597	2,814	19%
Computer Systems Analyst	\$87,568	5,937	29%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
Join TSA
Job shadow a computer system analyst or information security analyst.

Work Based Learning Activities:
Obtain an industry based certification.

The Cybersecurity program of study includes the occupations and educational opportunities related to planning, implementing, upgrading, or monitoring security measure for the protection of computer networks and information. This program of study may also include exploration into responding to computer security breaches and virus and administering network security measures.

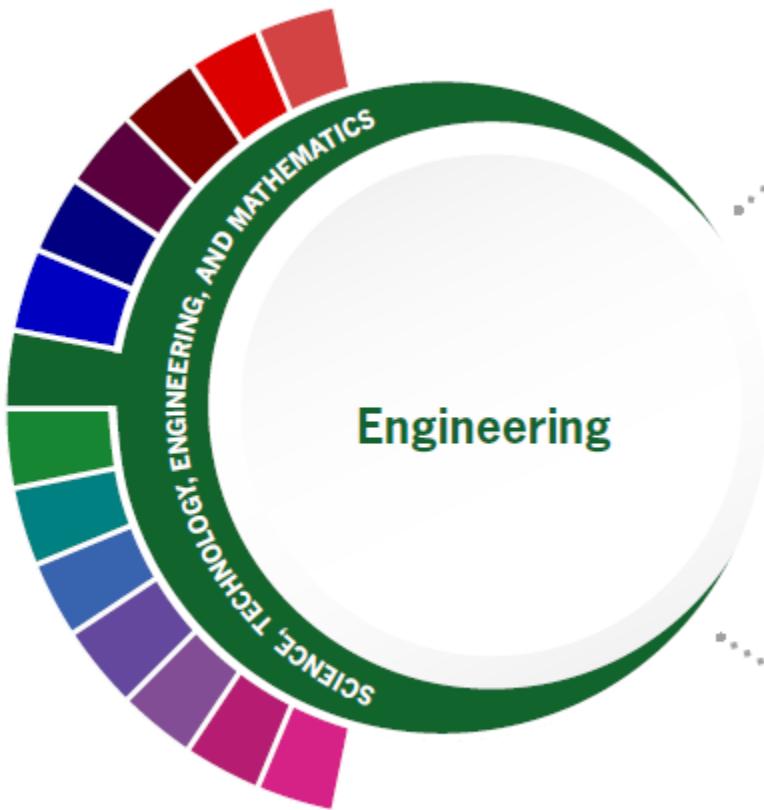


The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Successful completion of the Cybersecurity program of study will fulfill requirements of a Business and Industry or STEM Endorsement. Approved Statewide Program of Study - September 2019



MOODY HIGH SCHOOL ONLY



LEVEL 1

Introduction to Engineering Design (PLTW)

LEVEL 2

Engineering Science (PLTW)

LEVEL 3

Civil Engineering and Architecture (PLTW)

LEVEL 4

Engineering Design and Development (PLTW)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Autodesk Certified Professional or User (ACU) - Inventor	Engineer, Professional	Electrical and Electronics Engineering	Electrical and Electronics Engineering	Electrical and Electronics Engineering
Certified SolidWorks Associate (CSWA)	Fluid Power Systems Designer	Drafting and Design Technology/Technician, General	CAD/CADD Drafting and/or Design Technology/Technician	Mechanical Engineering
Certified Engineering Technician - Audio Systems	Certified Biomedical Auditor	Engineering Technology	Bioengineering and Biomedical Engineering	Bioengineering and Biomedical Engineering
	Certified Cost Estimator/Analyst		Construction Engineering Technology/Technician	

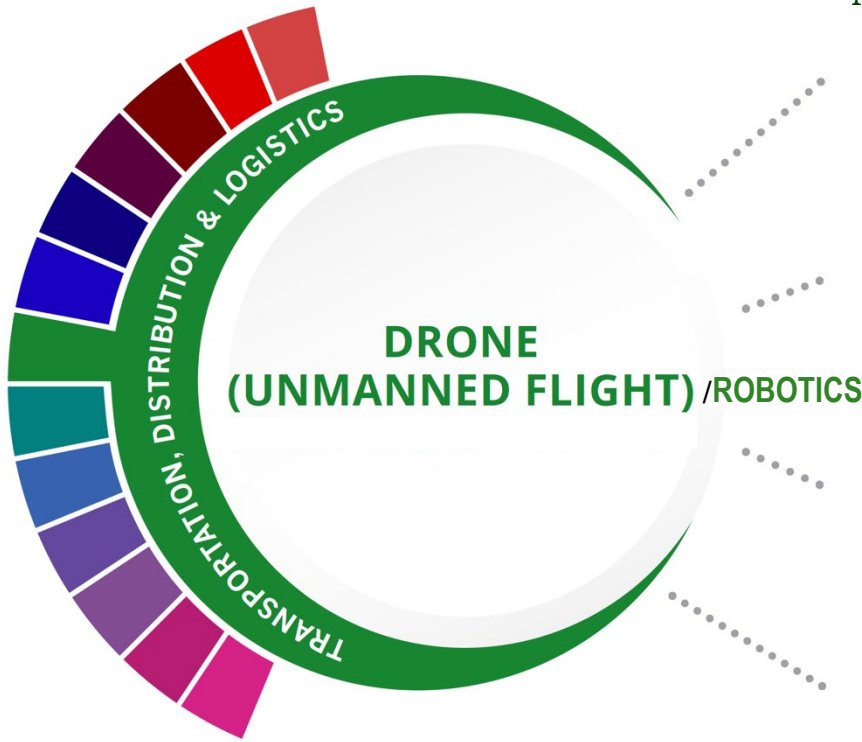
Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Aerospace Engineers	\$110,843	481	9%
Industrial Engineers	\$97,074	1,263	10%
Mechanical Engineers	\$91,707	1,535	11%
Chemical Engineers	\$112,819	474	9%
Electrical Engineers	\$98,405	1,137	10%

The Engineering program of study focuses on the design, development, and use of engines, machines, and structures. Students will learn how to apply science, mathematical methods, and empirical evidence to the innovation, design, construction, operation, and maintenance of different manufacturing systems.

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster® focuses on planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services.



Level 1	Introduction to Aerospace and Aviation#
Level 2	Robotics I#
Level 3	Robotics II# Engineering Science#
Level 4	Practicum in Manufacturing# Scientific Research and Design#

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Part 107 Remote Drone Pilot	Commercial Pilots	Airline Pilots, Copilots, and Flight Engineers		

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org

Occupations	Median Wage	Annual Openings	% Growth
Aerospace Engineering and Operations Technicians	\$60,757	114	9%
Avionics Technicians	\$59,114	170	9%
Airline Pilots, Copilots, and Flight Engineers	\$165,130	1,150	9%
Commercial Pilots	\$86,310	548	9%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Participate in SkillsUSA Explore virtual aviation websites	Seek part-time work at an airport, aviation services agency, or airline

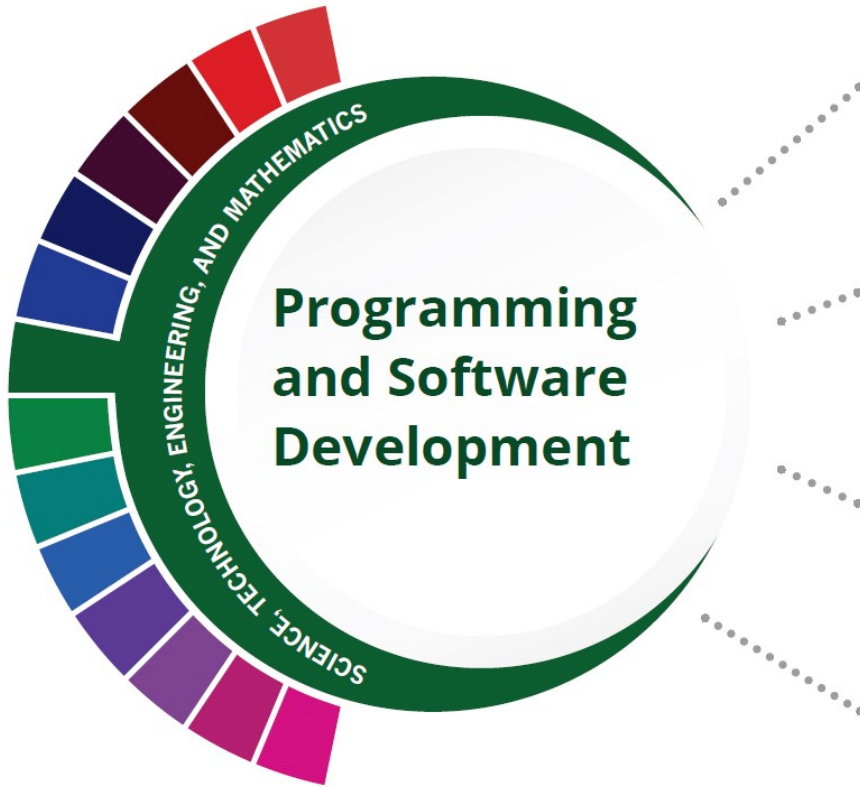
The Drone-Unmanned Flight regional program of study introduces CTE learners to the occupations and education opportunities related to operating or designing an unmanned aircraft using a ground-based controller and the systems of communications between the controller and the aircraft.



The Transportation, Distribution, and Logistics Career Cluster focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Successful completion of the Drone (Unmanned Flight) regional program of study will fulfill requirements of the Business and Industry Endorsement or STEM Endorsement if the math and science requirements are met. See the regions approved to offer this program of study at <https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/regional-programs-of-study>. Revised - July 2020.





Level 1	Fundamentals of Computer Science
Level 2	AP Computer Science Principles Game Programming and Design
Level 3	Mobile Application Development Computer Science II Computer Science III
Level 4	Practicum in Science, Technology, Engineering, and Mathematics Practicum in Entrepreneurship (TBD) Career Preparation I

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Oracle Certified Association JAVA SE 8 Programmer	Certified Computing Professional	Computer Programming/ Programmer Genera	Management Information Systems, General	Computer Software Engineer
Oracle Certified Database Associate	Cloud Technology Associate Certification	Computer Software Engineer	Computer Software Engineer	Computer Science
Microsoft Technology Associate, Introduction to Programming Using Python, HTML or CSS	AEM 6 Developer	Computer Science	Computer Science	Information Science/ Studies
Microsoft Technology Associate, Introduction to Programming Using Java or Java Script	Certified Software Analyst	Certified Software Analyst	Information Science/ Studies	

Occupations	Median Wage	Annual Openings	% Growth
Software Developer, Systems Software	\$103,334	2,985	25%
Software Developers, Applications	\$104,499	6,311	30%
Computer Programmers	\$79,893	1,454	9%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Join TSA Participate in coding club at school	Obtain an industry-based certification.

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

The Programming and Software Development program of study explores the occupations and education opportunities associated with researching, designing, developing, and testing operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computer applications. This program of study may also include exploration into creating, modifying, and testing the codes, forms, and script that allow computer applications to run.



The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Successful completion of the Programming and Software Development program of study will fulfill requirements of the Business and Industry and STEM endorsement if the math and science requirements are met. Revised - July 2020



Science, Technology, Engineering and Mathematics

AP Computer Science A # - Tier 5

PIEMS Code A3580110 (Math) Grades 11-12 Number of Credits 1.0 Prerequisite: AP

Computer Science Principles

Throughout the Computer Science A course experience, students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP[®] Computer Science A (AP CSA). This endorsement affirms that all components of PLTW CSA's offerings are aligned to the AP Curriculum Framework standards and the AP CSA assessment.

Advanced Placement Computer Science Principles # - Tier 5

TSDS PEIMS Code: A3580300 (APCSPRIN) Credit: 1 Recommended prerequisite: Algebra I.

Content requirements for Advanced Placement (AP) Computer Science Principles are prescribed in the College Board Publication Advanced Placement[®] Curriculum Framework: AP Computer Science Principles, published by The College Board

Civil Engineering and Architecture # - Tier 5

PEIMS Code: N1303747 Abbreviation: CEA Grade Level(s): 9-12 Number of Credits: 1.0 Civil Engineering and Architecture (CEA) is a high school level specialization course in the PLTW Engineering Program. In CEA students are introduced to important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

Through both individual and collaborative team activities, projects, and problems, students problem solve as they practice common design and development protocols such as project management and peer review. Students develop skill in engineering calculations, technical representation, documentation of design solutions according to accepted technical standards, and use of current 3D architectural design and modeling software to represent and communicate solutions.

Science, Technology, Engineering and Mathematics

Computer Science I - Tier 3

PIEMS Code 03580200 Number of Credits 1 Prerequisite Algebra I

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Computer Science II # - Tier 5

TSDS PEIMS Code: 03580300 (TACS2) Grade Placement: 11-12

Credit: 1 Prerequisite: Algebra I and either Computer Science I or Fundamentals of Computer Science.

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Computer Science III # - Tier 5

TSDS PEIMS Code: 03580350 (TACS3) Grade Placement: 11-12 Credit: 1

Prerequisite: Computer Science II, Advanced Placement (AP) Computer Science A, or International Baccalaureate (IB) Computer Science.

Computer Science III will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of advanced computer science data structures through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Science, Technology, Engineering and Mathematics

Cybersecurity Capstone - Tier 4

PIEMS Code 03580855 Number of Credits 1 Grade Level 12 Prerequisite AP Computer Science A PLTW Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

Digital Forensics - Tier 3

PIEMS Code 03580360 1 credit Grade Level(s): 9-12 Number of Credits: 1.0 Prerequisite: None Digital forensics is an evolving discipline concerned with analyzing anomalous activity on computers, networks, programs, and data. As a discipline, it has grown with the emergence of a globally-connected digital society. As computing has become more sophisticated, so too have the abilities of malicious agents to access systems and private information. By evaluating prior incidents, digital forensics professionals have the ability to investigate and craft appropriate responses to disruptions to corporations, governments, and individuals. Whereas cybersecurity takes a proactive approach to information assurance to minimize harm, digital forensics takes a reactive approach to incident response.

Engineering Design and Development # - Tier 5

PEIMS Code: N1303749 Abbreviation: EDD

Grade Level(s): 11-12 Number of Credits: 1.0

Engineering Design and Development is the capstone course in the PLTW high school engineering program. It is an open-ended engineering research course in which students design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process. Students perform research to select, define, and justify a problem. After carefully defining the design requirements and creating multiple solutions, students select an approach, create, and test the solution prototype. Students present and defend their solution to an outside panel. While progressing through the engineering design process, students work closely with experts and continually hone their organizational, communication and interpersonal skills, and their creative and problem solving abilities. Engineering Design and Development is appropriate for 11th and 12th grade students and should be taken as the capstone PLTW course since it requires application of the knowledge and skills learned in the PLTW foundation courses.

Science, Technology, Engineering and Mathematics

Engineering Science PLTW # - Tier 5

TSDS PEIMS Code: 13037500 (ENGSCIEN) Grade Placement: 10–12 Credit: 1 Prerequisite: Algebra I and Biology Chemistry, Integrated Physics, and Chemistry (IPC), or Physics.

Recommended Prerequisite: Geometry.

PLTW Engineering Science is an engineering course designed to expose students to some of the major concepts and technologies that they will encounter in a postsecondary program of study in any engineering domain. Students will have an opportunity to investigate engineering and high-tech careers. In Engineering Science, students will employ science, technology, engineering, and mathematical concepts in the solution of real-world challenge situations.

Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program

Engineering Science # - Tier 5

TSDS PEIMS Code: 13037500 (ENGSCIEN) Grade Placement: 10–12 Credit: 1

Prerequisite: Algebra I and Biology Chemistry, Integrated Physics, and Chemistry (IPC), or Physics. Recommended Prerequisite: Geometry.

Engineering Science is an engineering course designed to expose students to some of the major concepts and technologies that they will encounter in a postsecondary program of study in any engineering domain. Students will have an opportunity to investigate engineering and high-tech careers. In Engineering Science, students will employ science, technology, engineering, and mathematical concepts in the solution of real-world challenge situations. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Foundations of Cybersecurity PLTW - Tier 3

TSDS PEIMS Code: 03580850 Grade Placement 9-10 Credit: 1 Prerequisite None

Students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

Computer Science Essentials helps students create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond.

Fundamentals of Computer Science - Tier 3

TSDS PEIMS Code: 03580140 (TAFCS) Grade Placement: 9-12 Credit: 1

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Science, Technology, Engineering and Mathematics

Game Programming and Design - Tier 3

TSDS PEIMS Code: 03580380 (TAGMPD) Grade Placement: 9-12 Credit: 1

Game Programming and Design will foster student creativity and innovation by presenting students with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games. By acquiring programming knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will create a computer game that is presented to an evaluation panel. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Introduction to Aerospace and Aviation # - Tier 5

TSDS PEIMS Code: N1304672 (INTAEAVI) Grade Placement: 9–11 Credit: 1

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.

Introduction to Engineering Design # - Tier 5

PEIMS Code: N1303742 Abbreviation: IED Grade Level(s): 9-12 Number of Credits: 1.0

Students study the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to identify, research, test, refine, develop, and communicate design solutions using industry practices, standards, and tools. Utilizing PLTW's activity-project-problem-based teaching and learning strategies students' progress from structured activities to complex projects that require detailed planning, documentation, and communication. The course's rigorous pace requires students to develop an engineering mindset. Students apply industry accepted technical communication skills in visual representation using industry-standard 3D design technology as well as professional and industry specific documentation processes. The development of computational methods in engineering problem solving, including statistical analysis and mathematical modeling are emphasized.

Science, Technology, Engineering and Mathematics

Mobile Application Development - Tier 3

TSDS PEIMS Code: 03580390 (TAMBAP) Grade Placement: 9-12 Credit: 1 Prerequisite: Algebra I
Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Practicum in Manufacturing # - Tier 5 (Only for Robotics POS)

TSDS PEIMS Code:

13033000 (First Time Taken) (PRACMAN1)

13033010 (Second Time Taken) (PRACMAN2)

Grade Placement: 12

Credit: 2 Prerequisite: None.

The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Practicum in Manufacturing/Extended Practicum in Manufacturing #- Tier 5 (Only for Robotics POS)

TSDS PEIMS Code:

13033005 (First Time Taken) (EXPRMAN1)

13033015 (Second Time Taken) (EXPRMAN2)

Grade Placement: 12

Credit: 3 Prerequisite: None.

Corequisite: Practicum in Manufacturing.

The Extended Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Practicum in Science, Technology, Engineering, and Mathematics

TSDS PEIMS Code: 13037400 (First Time Taken) (PRCSTEM1) 13037410 (Second Time Taken) (PRCSTEM2) Grade Placement: 12 Credit: 2 Prerequisites: Algebra I and Geometry.

Recommended Prerequisites: two Science, Technology, Engineering, and Mathematics (STEM) Career Cluster credits. Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills.

Science, Technology, Engineering and Mathematics

Robotics I - Tier 3

Robotics I # - Tier 5

TSDS PEIMS Code: 13037000 (ROBOTIC1) Grade Placement: 9–10 Credit: 1

Prerequisite: None. Recommended Prerequisite: Principles of Applied Engineering. In Robotics I, students will transfer academic skills to component designs in a projectbased environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

Robotics II - Tier 3

Robotics II # - Tier 5

TSDS PEIMS Code: 13037050 (ROBOTIC2) Grade Placement: 10–12 Credit: 1

Prerequisite: Robotics I.

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Note: This course satisfies a math credit requirement for students on the Foundation High School Program.

SCIENTIFIC RESEARCH AND DESIGN (First Time Taken) - Tier 3

SCIENTIFIC RESEARCH AND DESIGN # (First Time Taken) - Tier 5 (Robotics POS)

TSDS PEIMS CODE: 13037200 Grade Levels: 11-12 Credit: 1 Prerequisite: Biology and Chemistry

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

SCIENTIFIC RESEARCH AND DESIGN (Second Time Taken) – Tier 3

TSDS PEIMS CODE: 13037210 Grade Levels: 11-12 Credit: 1 Prerequisite: Scientific Research and Design (First Time Taken)

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. Note: This course satisfies a science credit requirement for students on the Foundation High School Program.



LEVEL 1 Small Engine Technology I

LEVEL 2 Small Engine Technology II

LEVEL 3 Automotive Technology I

LEVEL 4 Automotive Technology II/ Lab

POSTSECONDARY OPTIONS

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Automotive Service Excellence (ASE) Entry Level	Master Collision Repair and Refinishing Technician	Autobody/ Collision and Repair Technology/ Technician		Mechanical Engineering
	Automobile Technician: various systems and parts	Medium/Heavy Vehicle and Truck Technology/ Technician		
	Engine Machinist Technician	Mechanical Engineering/ Mechanical Technology/ Technician		
	Collision Repair and Refinish			

*Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary option for this program of study, visit TXCTE.org.

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Automotive Body and Related Repairers	\$40,144	1,456	25%
Automotive Service Technician and Mechanics	\$38,459	208	25%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
SkillsUSA competition
Automotive Service Association

Work Based Learning Activities:
Work at a local automotive repair or body shop.

The Automotive program of study teaches students how to repair and refinish automobiles and service various types of vehicles. Students may learn to collect payment for services or supplies and perform typical vehicle maintenance procedures such as lubrication, oil changes, installation of antifreeze, or replacement of accessories like wiper blades or tires.



The Transportation, Distribution, and Logistics Career Cluster® focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Successful completion of the Automotive program of study will fulfill requirements of the Business and Industry Endorsement. Approved Statewide Program of Study - September 2019

Transportation, Distribution & Logistics

Automotive Technology I A DC# - Tier 5

Automotive Technology I B DC# - Tier 5

TSDS PEIMS Code: 13039600 (AUTOTEC1) Grade Placement: 9–12 Credit: 2 Prerequisite: None.

Recommended Prerequisites: Automotive Basics. Automotive Technology I: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I: Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow 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.

Automotive Technology II/ Lab A DC# - Tier 5

Automotive Technology II/ Lab B - Tier 3

TSDS PEIMS Code: 13039700 (AUTOTEC2)

Grade Placement: 11–12 Credit: 2 Prerequisites: Automotive Technology I: Maintenance and Light Repair.

Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow 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.

Small Engine Technology I - Tier 3

TSDS PEIMS Code: 13040000 (SMENTEC1) Grade Placement: 9–12 Credit: 1 Prerequisite: None Small Engine Technology I includes knowledge of the function and maintenance of the systems and components of all types of small engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. This course is designed to provide training for employment in the small engine technology industry.

Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems. In addition, the student will receive instruction in safety, academic, and leadership skills as well as career opportunities.

Small Engine Technology II A DC#- Tier 5

Small Engine Technology II B DC#- Tier 5

TSDS PEIMS Code: 13040100 (SMENTEC2)

Grade Placement: 10–12

Credit: 2

Prerequisite: Small Engine Technology I.

Small Engine Technology II includes advanced knowledge of the function, diagnosis, and service of the systems and components of all types of small engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. This course is designed to provide hands-on and practical application for employment in the small engine technology industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems and small engine overhauls. In addition, students will receive instruction in safety, academic, and leadership skills as well as career opportunities.

Career Technical Education

Roy Miller High School Metropolitan School of Design

Roy Miller High School is committed to creating a college-readiness culture in all areas of curriculum, instruction, and assessment. Since 2007-08, Roy Miller High School has established various dual credit academies. The academies are an innovative “school-apprenticeship” concept. The academies are a result of a community partnership between Del Mar College and Miller High School. The program combines a traditional and challenging high school curriculum with training in specialized fields and services. Grade 9 students are eligible for enrollment in the academies, as are all other grade level students who meet the requirements. Academy students are subject to annual reviews. Students not meeting Academy standards will be subject to dismissal from the academy.

The Metropolitan Schools of Design encompass an exciting K-12 continuum that focuses on creativity, innovation and design and capitalizes on artistic learning in a unique, instructional setting. Metro Prep’s curriculum will be focused on engaging programs of study, each of which provides a strong foundation in the knowledge and skills necessary for success in the 21st century. Utilizing project-based learning, real-world connections, and emerging technologies, students will collaborate with peers, students across grade levels and the larger community to cultivate their similar interests and passions.

Fire Science Academy curriculum allows students the opportunity to obtain an Emergency Medical Treatment (EMT) certification and to complete the fire fighter certification at a later date. Students who complete this Academy’s requirements must wait until their 19th birthday in order to take the State fire fighter certification exam, as required by State law.

Cosmetology Academy curriculum affords the students the opportunity to obtain a level one certificate in Cosmetology. A student who completes all courses may audit a class to fulfill 1500 hours for the State Board of Texas.

Automotive Applied Technology Academy curriculum offers training in theory, diagnosis, and repair of the automobile. The student is provided the practical training necessary to function as an entry-level automotive mechanic in some areas. In addition to Del Mar College certification, students have the opportunity to become Automotive Service Excellence (ASE) certified.

Admission to the Dual Credit Academies

- A minimum average of 80 in academic core classes, which include Algebra I and Geometry, and earn an acceptable college/ university level score on the TSI.
- Two (2) letters of recommendation must be submitted with application
- Show proof of acceptable citizenship and attendance
- If transferring from another, campus, submit a transfer form prior to the end of the school year
- A student may be granted probationary admission; but, must maintain satisfactory attendance, grades, and discipline records pending principal Approval
- For Fire Science Academy, student must submit proof of athletic physical with letter/form signed by physician

Dual Credit Academies Benefits

- Rigorous, specialized courses offer professional-level education to meet personnel needs in the fields of fire science and cosmetology.
- Hands-on experience is part of the demanding curriculum
- The opportunity to earn college credit towards a certification is included in the program
- Graduation from high school, program certification, and preparation for employment are basic features of the curriculum

****Please check with campus high school counselor regarding the qualifications, availability and enrollment processes for Career and Technical Education Programs of Study.***

Foy H. Moody High School Science and Health Center

Moody High School has implemented the academy concept to better serve students. The six academies are designated as official magnet school programs - The Health Science Academy and the Innovation Academy for Engineering, Environmental and Marine Science (A Texas - Science Technology, Engineering, Environmental and Mathematics Academy). The purposes of the academy

- Provide smaller learning environments so that all students, to the greatest possible extent, will take core-curricular courses with the same groups of students.
- Personalize the teaching/learning process for students and for teachers.
- Provide students with a relevant high school experience that establishes a clear purpose for the student and parent throughout the four years of study.
- Structure an educational program for each student to meet his/her needs and interests.

Each academy uses curriculum tied to a career pathway, which is also aligned with the TEKS. In addition, real-world business partnerships ensure that Moody-trained students meet business/industry standards and enter the workforce with certifications and/or licensures, or credits towards a college degree. College Readiness is a priority for each academy program with an emphasis on the 4 Facets of College Readiness - Content Knowledge, Academic Skills, Cognitive Skills and Contextual Knowledge (College Knowledge).

MAGNET PROGRAMS

HEALTH SCIENCE ACADEMY

The Health Science Academy courses afford students the opportunity to obtain certification in Phlebotomy, Emergency Medical Technician - Basic, Certified Nursing Assistant and Pharmacy Technician. The students may also receive dual credit in Medical Laboratory Technician (dual credit only, no certification). The certifications allow students to begin working after graduation to earn money for medical school and/or other college academic degree programs.

Admission Process for the Health Science Academy

Admission in the Health Science Academy is strictly by application. Students can only be admitted in the Health Science Academy as a Grade 9 student, or as a student who transfers into the District from another health science focused school and meets the Academy selection criteria. Students must:

- Show proof of proficiency in all academic core classes which include Algebra I or Math 8, Language arts, science, and history
- Submit letters of recommendation from two middle school teachers, counselors, or administrators
- Show proof of acceptable citizenship and attendance while enrolled in middle school
- Submit a work sample from any core-curricular middle school course
- Submit two essays of 250 words on a given topic
- Submit a transfer form prior to the end of the school year

In the spring semester, applications are available on all middle school campuses for Grade 8 students interested in applying for the Health Science Academy. Applications are available at Moody High School and at moody.ccsd.us. All applications must be returned to Moody High School by the stated application deadline.

Health Science Academy Benefits

- Challenging curriculum modeled after The College Board's Advanced Placement Programs
- Rigorous specialized courses in a variety of health disciplines
- Hands-on experience in CHRISTUS Spohn System laboratories and health care facilities
- Personalized instruction and mentoring by practicing health care professional
- Opportunity to earn college credit
- Graduation from high school and prepared for certification and employment in various health science fields

INNOVATION ACADEMY FOR ENGINEERING, ENVIRONMENTAL & MARINE SCIENCE

(A Texas - Science, Technology, Engineering & Mathematics Academy)

The Innovation Academy for Engineering, Environmental and Marine Science provides students a 4-year, rigorous, college preparatory program. The Innovation Academy is a nationally certified Project Lead the Way Engineering Program. The Innovation Academy also provides a pathway for students interested in pursuing college and career programs in the Natural & Life Sciences including, but not limited to, Environmental and Marine Science. The Innovation Academy curriculum emphasis field study and inquiry based learning activities. Grade 12 Innovation Academy students are

required to complete a capstone project that involves either Engineering Design & Development or Research Design & Development. Other specialized courses include Aerospace Engineering, Biotechnical Engineering, Civil Engineering and Architecture, Digital Electronics, Robotics, Aquatic Science, and Environmental Science.

Admission Process for the Innovation Academy for Engineering, Environmental & Marine Science

Admission in the innovation Academy is strictly by application. Students can only be admitted in the Innovation Academy in Grade 9, or as a student who transfers into the District from another science, technology, engineering and mathematics school and meets the Academy selection criteria.

- Submit a completed application including parent signatures
- Submit a critical thinking essay of 250 words on a given topic
- Submit a transfer form prior to the end of the school year
- Complete a face-to-face interview with the Dean of STEM instruction and STEM faculty

In the spring semester, applications are available on all middle school campuses for Grade 8 students interested in applying for the Innovation Academy for Engineering, Environmental & Marine Science. Applications may also be picked up at Moody High School or through Moody website. www.ccisd.us. All applications must be returned to Moody High School by the stated application deadline.

Innovation Academy for Engineering, Environmental & Marine Science Benefits

- Challenging curriculum modeled after The College Board's Advanced Placement Programs
- Students may receive college credit through the Project Lead the Way Engineering Program
- Rigorous specialized courses in a variety of science, technology, engineering and mathematics (STEM) disciplines including environmental/marine science
- Hands-on, and field experience with partners and programs including the University of Texas Marine Science institute, the TAMU SeaGrant research vessel KARMA, the Nueces Delta, Marine Advanced Technology Underwater Robotics, FIRST Robotics and BEST Robotics
- Personalized mentoring by practicing STEM business/industry and university professionals
- Opportunity to earn up to 30 hours of college credit
- Graduation from high school college-ready, and prepared for certification and employment in various STEM fields.

Project Lead the Way Engineering (PLTW) Program: The Innovation Academy for Engineering, Environmental and Marine Science at Foy H. Moody Science and Health Center is a Nationally Certified Secondary engineering program. Students accepted into this academy may take a coherent sequence of rigorous engineering courses that lead to college credit from the colleges and universities that partner with PLTW. All students accepted into this academy must complete the Capstone Engineering project required in Grade 12 and supervised during enrollment of the Engineering Design and Development course. All teachers in the PLTW program are certified after extensive training through the PLTW professional development program.

****Please check with campus high school counselor regarding the qualifications, availability and enrollment processes for Career and Technical Education Programs of Study.***

W.B. Ray High School Program for Gifted and Talented Students International Baccalaureate World School—Middle Years Programme

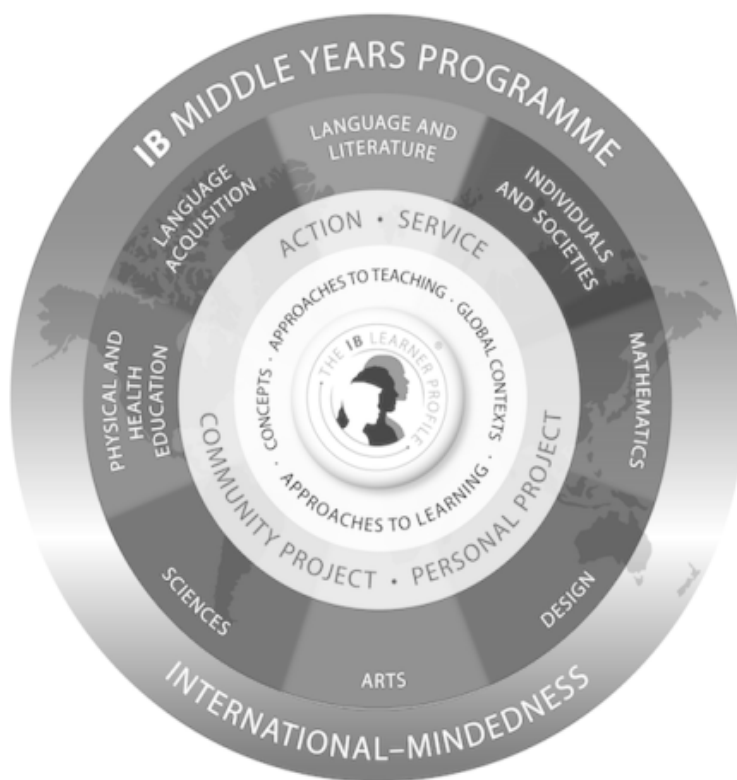
The District program for identified Gifted and Talented (G/T) students in Grades 9-10 is located at W.B. Ray High School as a “school within a school” program design model. The G/T program draws its population from every geographic section of the District.

The goal of the Gifted and Talented Program is to differentiate the curriculum to meet the needs of the gifted and talented student population. Using the International Baccalaureate Middle Years Programme (MYP) as a framework, curriculum is differentiated for the gifted student in content, process and product with added rigor, complexity, and depth of study in all academic classes.

The IB Middle Years Programme (MYP), for students Grades 9-10, provides a framework of academic challenge that encourages students to embrace and understand the connections between traditional subjects and the real world, and become critical and reflective thinkers.

The Gifted and Talented Program complies with the Texas State Plan for the Education of Gifted and Talented Students

International Baccalaureate Middle Years Programme Model



MIDDLE YEARS PROGRAMME COURSE OFFERINGS

EA3 MYP Y4 -ENGLISH I # - Tier IV

PEIMS Code: 03220100

Grade Level: 9

1.0 credit

Prerequisite: None

This course provides an in-depth study of the elements and genres of literature. Students produce a variety of original texts including documented research and literary analysis with the use of technology to aid revising, editing, publishing, and research. They also present oral communications using various forms and technologies. They analyze and critique their presentations and those of others emphasizing the purpose and effect of visuals on the audience.

EA4 MYP Y5 -ENGLISH II # Tier IV

PEIMS Code: 03220200

Grade Level: 10

1.0 credit

Prerequisite: English I or English I Pre-AP or MYP Y4 Language A

MYP Y5 Language A includes advanced mechanics, syntax, usage and vocabulary in preparation for the PSAT. It continues work on critical thinking skills. Students analyze discourse in persuasive and informative texts as well as the short documented essay. Students analyze discourse in persuasive and informative texts as well as the short documented essay. Students will also write reflectively using personal narrative and memoir. The course requires critical reading of classical, Medieval, Renaissance, and contemporary literature with emphasis is on the writer's style and purpose. Composition requires the use of technology to produce error-free essays and a documented research paper. Students will use technology and visuals to produce a variety of oral and media communications. They will analyze and evaluate their own and others' presentations in terms of the effect of media on American society.

FA1 MYP SPANISH B II # Tier IV

PEIMS Code: 03440200

Grade Levels: 9-10

1.0 credit

Prerequisite: Spanish I or MYP Spanish I

Extends language competency in listening, speaking, reading, and writing. Reviews, and refines grammatical concepts. Extends student knowledge of the culture and civilization associated with the Spanish language (Level II).

FA2 MYP SPANISH B III # Tier IV

PEIMS Code: 03440300

Grade Levels: 9-10

1.0 credit

Prerequisite: *Spanish 2 or MYP Spanish II*

Provides opportunities for the capable and highly motivated student to develop higher-level proficiency in language skills through reading, original writing, and oral activities and presentations. Includes reading and teacher-led discussions in the target language.

FA3 MYP SPANISH B IV LANGUAGE AND CULTURE AP # Tier V

PEIMS Code: A3440100

Grade Levels: 9-10

1.0 credit

Prerequisite: Spanish 3 or Spanish 3 Honors or MYP Spanish III

Promotes student understanding of principle literary genres, historical periods, and geographical areas of Spanish-speaking countries. Includes special projects that students pursue in order to broaden their competencies in the language. Provides college- level learning experience for students who wish to prepare for the AP examination.

FA4 MYP FRENCH B II # Tier IV

PEIMS Code: 03410200

Grade Levels: 9-10

1.0 credit

Prerequisite: French I or MYP French I

Expands language competency in listening, speaking, reading, and writing through a proficiency-oriented curriculum. Extends student knowledge and awareness of the culture and civilization of French-speaking countries.

FA5 MYP FRENCH B III # Tier IV

PEIMS Code: 03410300

Grade Levels: 9-10

1.0 credit

Prerequisite: French 2 or MYP French II

Provides opportunities for the capable and highly motivated student to develop higher-level proficiency in language skills through reading, writing, and oral activities and presentations. Provides a general background in Francophone literature, and expands student knowledge of the history and culture of Francophone countries.

FA6 MYP FRENCH B IV LANGUAGE AND CULTURE # Tier V

PEIMS Code: A3410100

Grade Levels: 9-10

1.0 credit

Prerequisite: French 3 or MYP French 3 Honors or French 3 Dual Credit or MYP French III

Develops French comprehension and conversation skills while stressing oral skills and grammar. Includes special projects that students pursue in order to broaden their competencies in the language. Provides college-level learning experiences for students who wish to prepare for the AP examination.

TA2 MYP Y4 INDIVIDUALS AND SOCIETIES- HUMAN GEOGRAPHY AP # Tier V

PEIMS Code: A3360100

Grade Level: 9

1.0 credit

Prerequisite: None

Course incorporates an extensive study of the free enterprise system, the role of capitalism in a free market, the role of agriculture in the free enterprise system, and its significance in the success of the economy found in the United States today. Introduces the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Includes research activities, problem solving, and creative projects. Provides college-level learning experiences for students who wish to prepare for the AP examination. Can be substituted for World Geography credit.

TA3 MYP Y5 INDIVIDUALS AND SOCIETIES- WORLD HISTORY AP # Tier V

PEIMS Code: A3370100

Grade Level: 10

1.0 credit

Prerequisite: None

Provides an opportunity for the capable and highly motivated student. Surveys the history of mankind from first civilizations to the present. Provides information on the development of various cultures of the world. Analyzes cultural diversity and commonalities. Includes research activities, analysis of historical themes, problem solving, and development of creative projects. Provides college-level learning experiences for students who wish to prepare for the AP examination. May be substituted for World History credit.

SA1 MYP SCIENCE-CHEMISTRY # Tier IV

PEIMS Code: 03040000

Grade Levels: 9-10

1.0 credit

Prerequisite: Algebra I or MYP Mathematics Algebra I

Provides opportunities for the capable and highly motivated student. Includes fundamental chemical concepts such as gas laws, atomic structure, kinetics, equilibrium, and oxidation and reduction. Provides opportunities for students who exhibit the ability to handle complex scientific data. Prepares students for careers in science or engineering such as medicine, science research, dentistry, chemical engineering, and electrical engineering.

SA2 MYP Y5 SCIENCE-PHYSICS # Tier IV

PEIMS Code: 03050000

Grade Level: 10

1.0 credit

Prerequisite: Algebra II or Algebra II Honors or MYP Algebra II

Provides opportunities for the capable and highly motivated student. Includes the investigation of the areas of physics relating to mechanics, heat, sound, light, electricity and magnetism, atomic physics, nuclear physics, and quantum optics. Emphasizes accurate measurement with quantitative experimental results treated mathematically. Prepares students for careers in fields such as engineering, dentistry, medicine, science research, space technology, and science education.

MA1 MYP GEOMETRY # Tier IV

PEIMS Code: 03100700

Grade Levels: 9-10

1.0 credit

Prerequisite: Algebra or MYP Mathematics Algebra I

Develops advanced skills in algebraic operations, while examining systems of quadratic equations and the complex number system. Includes the study of plane and spatial relationships, synthetic and coordinate geometry, and the development of geometry as a structured mathematics system with formal geometric proofs requiring considerable mathematical insight. Emphasizes the connections between algebra and geometry. Integrates technology for problem solving.

MA2 MYP ALGEBRA II # Tier IV

PEIMS Code: 03100600

Grade Levels: 9-10

1.0 credit

Prerequisite: Geometry or Geometry Pre-AP or MYP Geometry

Develops advanced skills in algebraic operations, while examining systems of quadratic equations and the complex number system. Emphasizes mathematical structure; precise language; and an analytical approach in the study of the complex number system such as conical, linear, polynomial, exponential, logarithmic, and trigonometric functions. Integrates technology for problem solving.

MA3 MYP PRE-CALCULUS # Tier IV

PEIMS Code: 03101100

Grade Levels: 9-10

1.0 credit

Prerequisite: Geometry or Geometry Pre-AP or MYP Geometry AND Algebra II or Algebra II or MYP Algebra II

Emphasizes mathematical structure, precise language, and an analytical structure, precise language, and an analytical approach to integrate and extend the concepts and skills of trigonometry, elementary analysis, and analytical geometry. Provides opportunities for a variety of applications. Integrates technology for problem solving.

W.B. Ray High School Program for Gifted and Talented Students International Baccalaureate World School—Diploma Programme

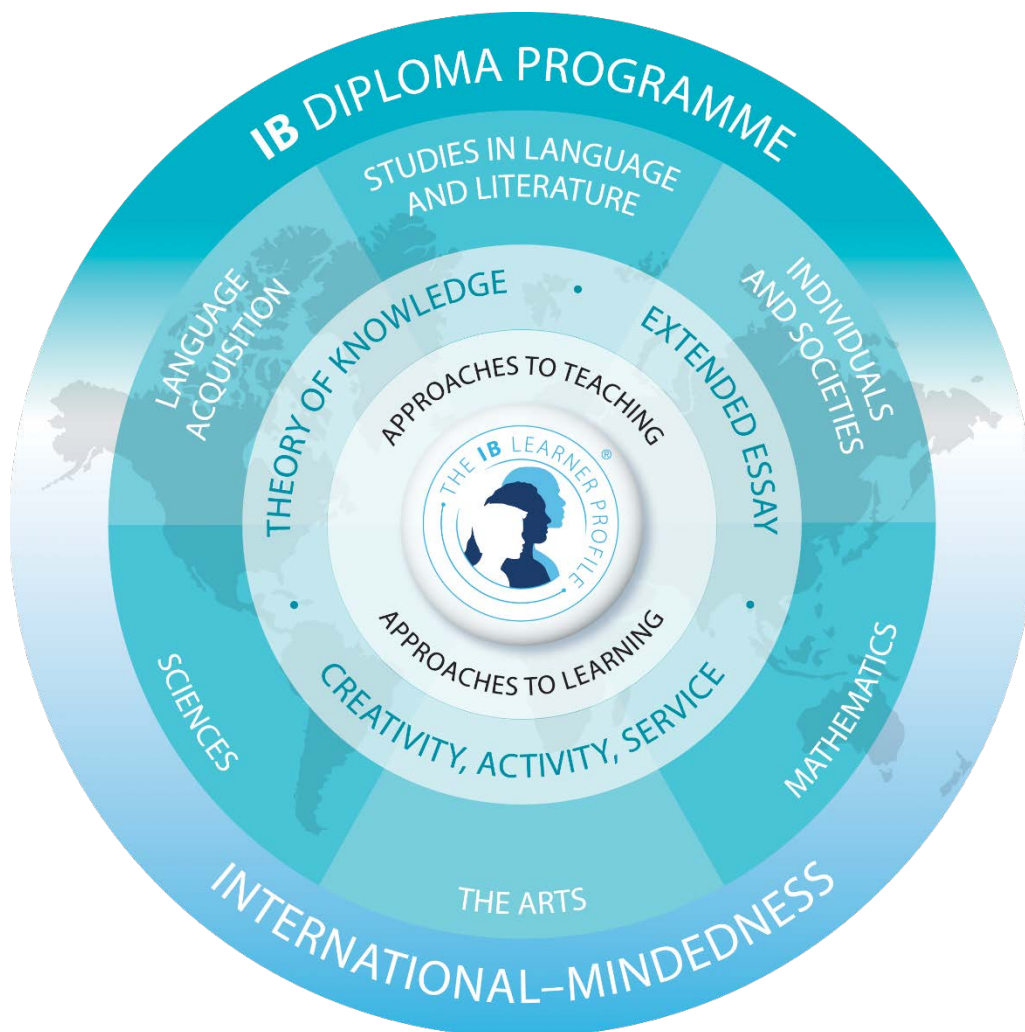
The District program for identified Gifted and Talented (G/T) students in Grades 11-12 is located at W.B. Ray High School as a “school within a school” program design model. The G/T program draws its population from every geographic section of the District.

The goal of the Gifted and Talented Program is to differentiate the curriculum to meet the needs of the gifted and talented student population. The International Baccalaureate Diploma Programme (DP) is an international curriculum. This curriculum is differentiated for the gifted student in content, process and product with added rigor, complexity, and depth of study in all academic classes.

IB Diploma Programme students study six courses at higher level (HL) or standard level (SL). Students must choose one subject from each of Groups 1 to 5, thus ensuring the breadth of experience in languages, social studies, the experimental sciences and mathematics. The sixth subject may be an arts subject chosen from Group 6, or the student may choose another subject from Groups 1 to 5. Normally three subjects are studied at higher level (courses representing 240 teaching hours), and the remaining three subjects are studied at standard level (courses representing 150 teaching hours). All three parts of the core—extended essay, theory of knowledge and creativity, action, service—are compulsory and are central to the philosophy of the Diploma Programme.

The Gifted and Talented Program complies with the Texas State Plan for the Education of Gifted and Talented Students. W. B. Ray has also developed an application for students wishing to challenge themselves with the IB Diploma curriculum.

International Baccalaureate Diploma Programme Model



W.B. Ray International Baccalaureate World School Diploma Programme

SUBJECT	GRADE 11	GRADE 12
STUDIES IN LANGUAGE AND LITERATURE	IB English Literature 3 HL	IB English Literature 4 HL
LANGUAGE ACQUISITION	IB Spanish B SL <i>or</i> IB Spanish B HL <i>or</i> IB French B SL <i>or</i> IB French B HL	IB Spanish B SL <i>or</i> IB Spanish B HL <i>or</i> IB French B SL <i>or</i> IB French B HL
INDIVIDUALS AND SOCIETIES	IB History: Americas HL AP Macroeconomics	IB History: Americas <i>or</i> 20th Century Issues HL
EXPERIMENTAL SCIENCES	IB Biology SL <i>or</i> IB Biology HL <i>or</i> IB Chemistry SL <i>or</i> IB Chemistry HL <i>or</i> IB Physics SL <i>or</i> IB Physics HL <i>or</i> IB Sports, Exercise and Health Sciences SL <i>or</i> IB Sports, Exercise and Health Sciences HL <i>or</i> IB Environmental Systems and Societies SL	IB Biology SL <i>or</i> IB Biology HL <i>or</i> IB Chemistry SL <i>or</i> IB Chemistry HL <i>or</i> IB Physics SL <i>or</i> IB Physics HL <i>or</i> IB Sports, Exercise and Health Sciences SL <i>or</i> IB Sports, Exercise and Health Sciences HL
MATHEMATICS	IB Analysis and Approaches SL <i>or</i> IB Analysis and Approaches HL <i>or</i> IB Applications and Interpretations SL <i>or</i> IB Applications and Interpretations HL	IB Mathematics Studies SL <i>or</i> IB Mathematics SL <i>or</i> IB Mathematics HL
THE ARTS OR OTHER GROUP 6 OPTIONS	IB Music SL <i>or</i> Music HL (Band, Choir, Orchestra, Guitar) <i>or</i> IB Theatre SL <i>or</i> Theatre HL <i>or</i> IB Dance SL <i>or</i> Dance HL <i>or</i> IB Visual Art SL <i>or</i> IB Visual Art HL <i>or</i> IB Computer Science SL <i>or</i> IB Computer Science HL <i>or</i> IB Business Management SL	IB Music SL <i>or</i> Music HL (Band, Choir, Orchestra, Guitar) <i>or</i> IB Theatre SL <i>or</i> Theatre HL <i>or</i> IB Dance SL <i>or</i> Dance HL <i>or</i> IB Visual Art SL <i>or</i> IB Visual Art HL <i>or</i> IB Computer Science SL <i>or</i> IB Computer Science HL <i>or</i>
CORE COURSE REQUIREMENTS OF DIPLOMA PROGRAMME	Theory of Knowledge (TOK) second semester	Theory of Knowledge (TOK) first semester
CORE REQUIREMENTS OF DIPLOMA PROGRAMME	Extended Essay Creativity, Action, Service (CAS)	Extended Essay Creativity, Action, Service (CAS)

DIPLOMA PROGRAMME COURSE OFFERINGS

EB6A IB ENGLISH Literature 3 HL # Tier V

PEIMS Code: I3220800

Grade Level: 11

1.0 credit

Prerequisite: MYP Eng. 2 or Pre-AP English II

This program will rigorously challenge students in multi-cultural literature in different genres, periods, styles and contexts – novel, drama, poetry, non-fiction prose. Students will be exposed to various writing techniques of different authors, analyzing texts that will broaden their view of the world and identifying common human experiences. The course is aimed at honing the critical thinking skills of the students that enhances their communication abilities in oral and written formats. Students must take this course for two consecutive years (EB6A & EB6B).

EB6B IB ENGLISH Literature 4 HL # Tier V

PEIMS Code: I3220800

Grade Level: 12

1.0 credit

Prerequisite IB Eng. Literature Year 1

This program will rigorously challenge students in multi-cultural literature in different genres, periods, styles and contexts – novel, drama, poetry, non-fiction prose. Students will be exposed to various writing techniques of different authors, analyzing texts that will broaden their view of the world and identifying common human experiences. The course is aimed at honing the critical thinking skills of the students that enhances their communication abilities in oral and written formats.

FD5A IB LANGUAGE Ab Initio SL # Year 1 Tier V

PEIMS Code: I3110300

Grade Levels: 11

1.0 credit

The language ab initio course is a language acquisition course for students with little or no experience of the language. The course is organized into three themes: individual and society, leisure and work, and urban and rural environment. Each theme comprises a list of topics that provide students with opportunities to practice and explore the language and to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students develop the ability to respond and interact appropriately in a defined range of everyday situations.

FD5B IB LANGUAGE Ab Initio SL # Year 2 Tier V

PEIMS Code: I3110300

Grade Levels: 12

1.0 credit

The language ab initio course is a language acquisition course for students with little or no experience of the language. The course is organized into three themes: individual and society, leisure and work, and urban and rural environment. Each theme comprises a list of topics that provide students with opportunities to practice and explore the language and to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students develop the ability to respond and interact appropriately in a defined range of everyday situations.

FB5A IB SPANISH B Year 1 SL # Tier V

PEIMS Code: I3440400

Grade Level: 11

1.0 credit

Multilingualism is both a key factor in and an active component of global relations today. In order to understand and appreciate different people and to communicate effectively on an international level, the acquisition of another language facilitates constructive relations between individuals from different cultures. This course will focus on the student's acquisition of a second language in regards to communication, comprehension and culture. The purpose for the course is to help the student become a competent communicator in Spanish by practicing and learning through various texts and methods. The aims and objectives are for the student to be considered as competent, thus being able to function well in the second language setting as well as being aware of the various countries and people who speak Spanish. Students must take this course for two consecutive years (FB5A and FB6A).

FB5B IB SPANISH B Year 2 SL # Tier V

PEIMS Code: I3440400

Grade Level: 12

1.0 credit

Multilingualism is both a key factor in and an active component of global relations today. In order to understand and appreciate different people and to communicate effectively on an international level, the acquisition of another language facilitates constructive relations between individuals from different cultures. This course will focus on the student's acquisition of a second language in regards to communication, comprehension and culture. The purpose for the course is to help the student become a competent communicator in Spanish by practicing and learning through various texts and methods. The aims and objectives are for the student to be considered as competent, thus being able to function well in the second language setting as well as being aware of the various countries and people who speak Spanish.

FB8A IB SPANISH B Year 1 HL # Tier V

PEIMS Code: I3440500

Grade Levels: 11

1.0 credit

Multilingualism is both a key factor in and an active component of global relations today. The acquisition of another language facilitates constructive relations between individuals from different cultures. In order to understand and appreciate different people and communicate effectively on an international level. This course focuses on the student's acquisition of a second language in regards to communication, comprehension and culture. The purpose for the course is to help the student become a competent communicator in Spanish by practicing and learning through various texts and methods. The aims and objectives are for the student to be considered competent, thus being able to function well in the second language setting as well as being aware of the various countries and people who speak Spanish. This course must be taken for 2 years (FB8A & FB8B).

FB8B IB SPANISH B Year 2 HL # Tier V

PEIMS Code: I3440500

Grade Levels: 12

1.0 credit

Multilingualism is both a key factor in and an active component of global relations today. The acquisition of another language facilitates constructive relations between individuals from different cultures. In order to understand and appreciate different people and communicate effectively on an international level. This course focuses on the student's acquisition of a second language in regards to communication, comprehension and culture. The purpose for the course is to help the student become a competent communicator in Spanish by practicing and learning through various texts and methods. The aims and objectives are for the student to be considered competent, thus being able to function well in the second language setting as well as being aware of the various countries and people who speak Spanish.

FB9A IB FRENCH B Year 1 SL # Tier V

PEIMS Code: I3410400

Grade Levels: 11

1.0 credit

Multilingualism is both a key factor in and an active component of global relations today. In order to understand and appreciate different people and to communicate effectively on an international level, the acquisition of another language facilitates constructive relations between individuals from different cultures. This course will focus on the student's acquisition of a second language in regards to communication, comprehension and culture. The purpose for the course is to help the student become a competent communicator in French by practicing and learning through various texts and methods. The aims and objectives are for the student to be considered as competent, thus being able to function well in the second language setting as well as being aware of the various countries and people who speak French. Students must take 2 years (FB9A & FB9B).

FB9B IB FRENCH B Year 2 SL # Tier V

PEIMS Code: I3410400

Grade Levels: 12

1.0 credit

Multilingualism is both a key factor in and an active component of global relations today. In order to understand and appreciate different people and to communicate effectively on an international level, the acquisition of another language facilitates constructive relations between individuals from different cultures. This course will focus on the student's acquisition of a second language in regards to communication, comprehension and culture. The purpose for the course is to help the student become a competent communicator in French by practicing and learning through various texts and methods. The aims and objectives are for the student to be considered as competent, thus being able to function well in the second language setting as well as being aware of the various countries and people who speak French. Students must take 2 years (FB9A & FB9B).

FDOA IB FRENCH B Year 1 HL # Tier V

PEIMS Code: I3410500

Grade Levels: 11

1.0 credit

Multilingualism is both a key factor in and an active component of global relations today. In order to understand and appreciate different people and to communicate effectively on an international level, the acquisition of another language facilitates constructive relations between individuals from different cultures. This course will focus on the student's acquisition of a second language in regards to communication, comprehension and culture. The purpose for the course is to help the student become a competent communicator in French by practicing and learning through various texts and methods. The aims and objectives are for the student to be considered as competent, thus being able to function well in the second language setting as well as being aware of the various countries and people who speak French.

FD0B IB FRENCH B Year2 HL # Tier V

PEIMS Code: I3410500

Grade Levels: 12

1.0 credit

Multilingualism is both a key factor in and an active component of global relations today. In order to understand and appreciate different people and to communicate effectively on an international level, the acquisition of another language facilitates constructive relations between individuals from different cultures. This course will focus on the student's acquisition of a second language in regards to communication, comprehension and culture. The purpose for the course is to help the student become a competent communicator in French by practicing and learning through various texts and methods. The aims and objectives are for the student to be considered as competent, thus being able to function well in the second language setting as well as being aware of the various countries and people who speak French.

TB1A IB HISTORY OF THE AMERICAS Year 1 HL # Tier V

PEIMS Code: I3301300

Grade Levels: 11

1.0 credit

This course provides the structure and flexibility for students to compare common human reactions to similar and dissimilar situations taking into account political, social, and economic circumstances. This study fosters international mindedness allowing empathy with the human condition globally. Higher level courses represent 240 teaching hours.

TB1B IB HISTORY OF THE AMERICAS Year 2 HL # - Tier V

PEIMS Code: 13301300

Grade Level: 12

1.0 credit

Prerequisite: IB HISTORY OF THE AMERICAS Year 1 HL

This course provides the structure and flexibility for students to compare common human reactions to similar and dissimilar situations taking into account political, social, and economic circumstances. This study fosters international mindedness allowing empathy with the human condition globally. Higher level courses represent 240 teaching hours. Students receive 1.0 credit of US History and 0.5 credits for US Government upon completion of this course.

SB5A IB BIOLOGY Year 1 SL # - Tier V

PEIMS Code: I3010201

Grade Level: 11

1.0 credit

Prerequisite: Biology or Pre-AP Biology

Biologists have accumulated huge amounts of information about living organisms, and it would be easy to confuse students by teaching large numbers of seemingly unrelated facts. In the Diploma Programme Biology course, it is hoped that students will acquire a limited body of facts and, at the same time, develop a broad, general understanding of the principles of the subject. Although the Diploma Programme Biology course at standard level (SL) and higher level (HL) has been written as a series of discrete statements (for assessment purposes), there are four basic biological concepts that run throughout. Students must take this course for two years (SB5A & SB5B).

SB5B IB BIOLOGY Year 2 SL # - Tier V

PEIMS Code: I3010201

Grade Level: 12

1.0 credit

Prerequisite: IB Biology Year 1

Biologists have accumulated huge amounts of information about living organisms, and it would be easy to confuse students by teaching large numbers of seemingly unrelated facts. In the Diploma Programme Biology course, it is hoped that students will acquire a limited body of facts and, at the same time, develop a broad, general understanding of the principles of the subject. Although the Diploma Programme Biology course at standard level (SL) and higher level (HL) has been written as a series of discrete statements (for assessment purposes), there are four basic biological concepts that run throughout.

SB3A IB BIOLOGY Year 1 HL # Tier V

PEIMS Code: I3010202

Grade Level: 11

1.0 credit

Prerequisite: Biology or Pre-AP Biology

Biologists have accumulated huge amounts of information about living organisms, and it would be easy to confuse students by teaching large numbers of seemingly unrelated facts. In the Diploma Programme Biology course, it is hoped that students will acquire a limited body of facts and, at the same time, develop a broad, general understanding of the principles of the subject. Although the Diploma Programme Biology course at standard level (SL) and higher level (HL) has been written as a series of discrete statements (for assessment purposes), there are four basic biological concepts that run throughout.

SB3B IB BIOLOGY Year 2 HL # Tier V

PEIMS Code: I3010202

Grade Level: 12

1.0 credit

Prerequisite: IB Biology Year 1

Biologists have accumulated huge amounts of information about living organisms, and it would be easy to confuse students by teaching large numbers of seemingly unrelated facts. In the Diploma Programme Biology course, it is hoped that students will acquire a limited body of facts and, at the same time, develop a broad, general understanding of the principles of the subject. Although the Diploma Programme Biology course at standard level (SL) and higher level (HL) has been written as a series of discrete statements (for assessment purposes), there are four basic biological concepts that run throughout.

SB7A IB CHEMISTRY Year 1 SL # Tier V

PEIMS Code: I3040002

Grade level: 11

1.0 credit

Prerequisites: Chemistry or MYP Chemistry or Pre-AP Chemistry

Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. It is called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems. Apart from being a subject worthy of study in its own right, chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science and environmental science, and serves as useful preparation for employment. Standard level courses represent 150 teaching hours. Students must take this course for two (2) consecutive school years.

SB7B IB CHEMISTRY Year 2 SL # Tier V

PEIMS Code: I3040002

Grade level 12

1.0 credit

Prerequisite: IB Chemistry Year 1

Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. It is called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems. Apart from being a subject worthy of study in its own right, chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science and environmental science, and serves as useful preparation for employment. Standard level courses represent 150 teaching hours.

SD7A IB CHEMISTRY Year 1 HL # Tier V

PEIMS Code: I3040003

Grade level: 11

1.0 credit

Prerequisites: Chemistry or MYP Chemistry or Pre-AP Chemistry

Chemistry is an experimental science that combines in-depth academic study with the acquisition of practical and investigational skills. It is called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems. Apart from being a subject worth of study in its own right, chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science and environmental science, and serves as useful preparation for employment. Higher standard level courses represent 240 teacher hours. Students must take this course for two (2) consecutive school years.

SD7B IB CHEMISTRY Year 2 HL # Tier V

PEIMS Code: I3040003

Grade level: 12

1.0 credit

Prerequisite: IB Chemistry Year 1

Chemistry is an experimental science that combines in-depth academic study with the acquisition of practical and investigational skills. It is called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems. Apart from being a subject worth of study in its own right, chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science and environmental science, and serves as useful preparation for employment. Higher standard level courses represent 240 teacher hours.

SB9A IB PHYSICS I Year 1 SL # Tier V

PEIMS Code: I3050002

Grade Level: 11

1.0 credit

Prerequisites: Physics, or AP Physics or MYP Physics

Physics is the study of matter and energy and their interactions in the Universe. The focus of this course is to provide students with a general survey of the physical laws pertaining to classical Newtonian mechanics, wave motion and interference, electromagnetism, quantum mechanics and Einsteinian relativity. The emphasis of the course will be in providing students with ample opportunities for search and discovery by personal experience in the scientific method. A strong background in Mathematics is beneficial, but Subsidiary Physics is a non-calculus-based course. This course must be taken two consecutive years.

SB9B IB PHYSICS Year 2 SL # Tier V

PEIMS Code: I3050002

Grade Level: 12

1.0 credit

Prerequisite: IB Physics Year 1

Physics is the study of matter and energy and their interactions in the Universe. The focus of this course is to provide students with a general survey of the physical laws pertaining to classical Newtonian mechanics, wave motion and interference, electromagnetism, quantum mechanics and Einsteinian relativity. The emphasis of the course will be in providing students with ample opportunities for search and discovery by personal experience in the scientific method. A strong background in Mathematics is beneficial, but Subsidiary Physics is a non-calculus-based course.

SD9A IB PHYSICS Year 1 HL # Tier V

PEIMS Code: I3050003

Grade Levels: 11

1.0 credit

Prerequisites: Physics or AP Physics or MYP Physics

Physics is the student of matter and energy and their interactions in the Universe. The focus of this course is to provide students with an in-depth survey of the physical laws pertaining to classical Newtonian mechanics, wave motion and interference, electromagnetism, quantum mechanics and Einsteinian relativity. In addition, students will study a greater variety of optional topics as required. The emphasis of the course will be in providing students with ample opportunities for search and discovery by personal experience in the scientific method. A strong background in Mathematics is beneficial, by Subsidiary Physics is a non-calculus-based course. Higher standard level courses represent 240 teacher hours. Students must take this course for two (2) consecutive school years.

SD9B IB PHYSICS Year 2 HL # Tier V

PEIMS Code: I3050003

Grade Levels: 12

1.0 credit

Prerequisite: IB Physics Year 1

Physics is the student of matter and energy and their interactions in the Universe. The focus of this course is to provide students with an in-depth survey of the physical laws pertaining to classical Newtonian mechanics, wave motion and interference, electromagnetism, quantum mechanics and Einsteinian relativity. In addition, students will study a greater variety of optional topics as required. The emphasis of the course will be in providing students with ample opportunities for search and discovery by personal experience in the scientific method. A strong background in Mathematics is beneficial, by Subsidiary Physics is a non-calculus-based course. Higher standard level courses represent 240 teacher hours.

MA8A.SL IB MATHEMATICS: Analysis and Approaches Year 1 SL # Tier V

PEIMS Code: I3100500

Grade Levels: 11

1.0 credit

Prerequisite: Algebra II or Algebra II Honors or Precalculus or Honors Precalculus

Mathematics: analysis and approaches is for students who enjoy developing their mathematics to become fluent in the construction of IB MATH mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without technology. Students who take Mathematics: analysis and approaches will be those who enjoy the thrill of mathematical problem solving and generalization.

MA8B.SL IB MATHEMATICS: Analysis and Approaches Year 2 SL # Tier V

PEIMS Code: I3100500

Grade Levels: 12

1.0 credit

Prerequisite: IB MATHEMATICS: Analysis and Approaches Year 1 SL

Mathematics: analysis and approaches is for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without technology. Students who take Mathematics: analysis and approaches will be those who enjoy the thrill of mathematical problem solving and generalization.

MA8A.HL IB MATHEMATICS: Analysis and Approaches Year 1 HL # Tier V

PEIMS Code: I3100600

Grade Levels: 11

1.0 credit

Prerequisite: Precalculus or Honors Precalculus

Mathematics: analysis and approaches is for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without technology. Students who take Mathematics: analysis and approaches will be those who enjoy the thrill of mathematical problem solving and generalization.

MA8B.HL IB MATHEMATICS: Analysis and Approaches Year 2 HL # Tier V

PEIMS Code: I3100600

Grade Levels: 12

1.0 credit

Prerequisite: IB MATHEMATICS: Analysis and Approaches Year 1 HL

Mathematics: analysis and approaches is for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without technology. Students who take Mathematics: analysis and approaches will be those who enjoy the thrill of mathematical problem solving and generalization.

MA9A.SL IB MATHEMATICS: Applications and Interpretations Year 1 SL # Tier V

PEIMS Code: I3100700

Grade Levels: 11

1.0 credit

Prerequisite: Algebra II or Algebra II Honors or Precalculus or Honors Precalculus

Mathematics: applications and interpretation is for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take Mathematics: applications and interpretation will be those who enjoy mathematics best when seen in a practical context.

MA9B.SL IB MATHEMATICS: Applications and Interpretations Year 2 SL # Tier V

PEIMS Code: I3100700

Grade Levels: 12

1.0 credit

Prerequisite: IB MATHEMATICS: Applications and Interpretations Year 1 SL

Mathematics: applications and interpretation is for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take Mathematics: applications and interpretation will be those who enjoy mathematics best when seen in a practical context.

MA9A.HL IB MATHEMATICS: Applications and Interpretations Year 1 HL # Tier V

PEIMS Code: I3100800

Grade Levels: 11

1.0 credit

Prerequisite: Precalculus or Honors Precalculus

Mathematics: applications and interpretation is for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take Mathematics: applications and interpretation will be those who enjoy mathematics best when seen in a practical context.

MA9B.HL IB MATHEMATICS: Applications and Interpretations Year 2 HL # Tier V

PEIMS Code: I3100800

Grade Levels: 12

1.0 credit

Prerequisite: IB MATHEMATICS: Applications and Interpretations Year 1 HL

Mathematics: applications and interpretation is for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take Mathematics: applications and interpretation will be those who enjoy mathematics best when seen in a practical context.

OY1 IB MUSIC SL # Tier V

PEIMS Code: I3250200

Grade level: 11

1.0 credit

Prerequisite: 1.0 credit of any level 2 Music Course

This course enables students to develop their musical skills through group performance, to develop their perceptual skills in response to a wide variety of music (classical, jazz and crossover styles) and to explore the diversity of music throughout the world. Students also undertake a 2000-word investigation into a topic of their choice. This course assists students in developing their potential as a musician, both personally and collaboratively.

OY2 IB MUSIC HL # Tier V

PEIMS Code: I3250300

Grade Level: 12

1.0 credit

Prerequisite: 1.0 credit of any level 2 Music Course

This course enables students to develop their musical skills through group performance, to develop their perceptual skills in response to a wide variety of music (classical, jazz and crossover styles) and to explore the diversity of music throughout the world. Students also undertake a 2000-

word investigation into a topic of their choice. This course assists students in developing their potential as a musician, both personally and collaboratively.

UB1 DANCE LEVEL III, IB DANCE 1 # Tier V

PEIMS Code: I3830100

Grade Level: 11

1.0 credit

This course enables students to develop their creative and critical abilities and to enhance their appreciation and enjoyment of dance. Students will develop their technique and skills in response to a wide variety of dance (ballet, tap, jazz, modern, hip hop, folk and social) and to explore the diversity of dance throughout the world. Students also undertake both choreography and written compositions of a choice topic. This course facilitates the development of students who may become choreographers, dance scholars and performers, and welcomes those students who seek life enrichment through dance.

UB2 DANCE LEVEL IV, IB DANCE 2 # Tier V

PEIMS Code: I3830200

Grade Level: 12

1.0 credit

Prerequisite: Dance Level III, IB Dance 1

This course enables students to develop their creative and critical abilities and to enhance their appreciation and enjoyment of dance. Students will develop their technique and skills in response to a wide variety of dance (ballet, tap, jazz, modern, hip hop, folk and social) and to explore the diversity of dance throughout the world. Students also undertake both choreography and written compositions of a choice topic. This course facilitates the development of students who may become choreographers, dance scholars and performers, and welcomes those students who seek life enrichment through dance.

UB3 IB THEATRE SL # Tier V

PEIMS Code: I3750200

Grade Level: 11

1.0 credit

The theatre course at both HL and SL requires no previous experience in drama or theatre. Since the course is designed to enable students to experience theatre on a personal level, achievement in this subject is reflected in how students develop, extend and refine the knowledge, skills and attitudes necessary for studying this art form. Students' individual ability to be creative and imaginative, and to communicate in dramatic form, will be challenged and extended through the theoretical and practical content of the course.

UB4 IB THEATRE HL # Tier V

TSDS PEIMS Code: I3750300

Grade Level: 12

1.0 credit

The theatre course at both HL and SL requires no previous experience in drama or theatre. Since the course is designed to enable students to experience theatre on a personal level, achievement in this subject is reflected in how students develop, extend and refine the knowledge, skills and attitudes necessary for studying this art form. Students' individual ability to be creative and imaginative, and to communicate in dramatic form, will be challenged and extended through the theoretical and practical content of the course.

AB4 Art, IB Visual Arts HL # Tier V

TSDS PEIMS Code: I3600100

Grade Level: 12

1.0 credit

Students will develop a body of work which represents their individual research and development of artistic expression. They will create works in various media inspired by their own personal study. The structure of the course is designed to provide students with the opportunities to develop aesthetic, imaginative and creative works of art as well as stimulate and train visual awareness, perception and criticism of the arts of various cultures. This course will enable students to discover, develop and enjoy means of creative visual expression; encourage the pursuit of quality through training, individual experiment, and persistent endeavor. Students will be given an opportunity to select from a variety of visual media limited only by the resources available to the individual.

AB5 ART, IB VISUAL ARTS SL # Tier V

TSDS PEIMS Code: I3600200

Grade Level: 11

1.0 credit

Students will develop a body of work which represents their individual research and development of artistic expression. They will create works in various media inspired by their own personal study. The structure of the course is designed to provide students with the opportunities to develop aesthetic, imaginative and creative works of art as well as stimulate and train visual awareness, perception and criticism of the arts of various cultures. This course will enable students to discover, develop and enjoy means of creative visual expression; encourage the pursuit of quality through training, individual experiment, and persistent endeavor. Students will be given an opportunity to select from a variety of visual media limited only by the resources available to the individual.

XB2A IB THEORY OF KNOWLEDGE # - Tier V

TSDS PEIMS Code: N1290322

Grade Level: 11

0.5 credit

This course is designed to get students to understand the concept of “to know” as well as how people truly are “knowers” and to what degree experiences and language play a role in defining “knowers” and “knowing”. In Theory of Knowledge students and teacher will explore and identify the connections between all courses (areas of knowledge) in which students have participated. Students will analyze knowledge of social issues and world events.

XB2B IB THEORY OF KNOWLEDGE # - Tier V

TSDS PEIMS Code: N1290322

Grade Level: 12

0.5 credit

This course is designed to get students to understand the concept of “to know” as well as how people truly are “knowers” and to what degree experiences and language play a role in defining “knowers” and “knowing”. In Theory of Knowledge students and teacher will explore and identify the connections between all courses (areas of knowledge) in which students have participated. Students will analyze knowledge of social issues and world events.

SC6A.SL IB Environmental Systems and Societies SL # - Tier V

TSDS PEIMS Code: I3020000

Grade Level: 11 or 12

1.0 credit

Prerequisite: 1.0 credit of high school science

IB - ESS is a complex course, requiring a diverse set of skills from its students. It is firmly grounded in both a scientific exploration of environmental systems in their structure and function and in the exploration of cultural, economic, ethical, political, and social interactions of societies with the environment. As a result of studying this course, students will become equipped with the ability to recognize and evaluate the impact of our complex system of societies on the natural world. The interdisciplinary nature of the course requires a broad skill set from students and includes the ability to perform research and investigations and to participate in philosophical discussion. The course requires a systems approach to environmental understanding and problem-solving, and promotes holistic thinking about environmental issues. It is recognized that to understand the environmental issues of the 21st century and suggest suitable management solutions, both the human and environmental aspects must be understood. Students should be encouraged to develop solutions from a personal to a community and to a global scale.

SC6B.SL IB Environmental Systems and Societies SL # - Tier V

TSDS PEIMS Code: I3020000

Grade Level: 11 or 12

1.0 credit

Prerequisite: 1.0 credit of high school science

IB - ESS is a complex course, requiring a diverse set of skills from its students. It is firmly grounded in both a scientific exploration of environmental systems in their structure and function and in the exploration of cultural, economic, ethical, political, and social interactions of societies with the environment. As a result of studying this course, students will become equipped with the ability to recognize and evaluate the impact of our complex system of societies on the natural world. The interdisciplinary nature of the course requires a broad skill set from students and includes the ability to perform research and investigations and to participate in philosophical discussion. The course requires a systems approach to environmental understanding and problem-solving, and promotes holistic thinking about environmental issues. It is recognized that to understand the environmental issues of the 21st century and suggest suitable management solutions, both the human and environmental aspects must be understood. Students should be encouraged to develop solutions from a personal to a community and to a global scale.

SC7A.SL IB Sports, Exercise and Health Sciences Year 1 SL # - Tier V

TSDS PEIMS Code: I3060001

Grade Level: 11

1.0 Credit

Prerequisite: 2.0 credit of high school laboratory science

Sports, exercise and health science (SEHS) is an experimental science that combines academic study with the acquisition of practical and investigative skills. It is an applied science course within group 4, with aspects of biological and physical science being studied in the specific context of sports, exercise and health. Moreover, the subject matter goes beyond the traditional science subjects to offer a deeper understanding of the issues related to sports, exercise and health in the 21st century. Apart from being worthy of study in its own right, SEHS is a good preparation for courses in higher or further education related to sports fitness and health, and serves as useful preparation for employment in sports and leisure industries.

SC7B.SL IB Sports, Exercise and Health Sciences Year 2 SL # - Tier V

TSDS PEIMS Code: I3060001

Grade Level: 12

1.0 Credit

Prerequisite: IB Sports, Exercise and Health Sciences Year 1 SL #

Sports, exercise and health science (SEHS) is an experimental science that combines academic study with the acquisition of practical and investigative skills. It is an applied science course within group 4, with aspects of biological and physical science being studied in the specific context of sports, exercise and health. Moreover, the subject matter goes beyond the traditional science subjects to offer a deeper understanding of the issues related to sports, exercise and health in the 21st century. Apart from being worthy of study in its own right, SEHS is a good preparation for courses in higher or further education related to sports fitness and health, and serves as useful preparation for employment in sports and leisure industries.

SC7A.HL IB Sports, Exercise and Health Sciences Year 1 SL # - Tier V

TSDS PEIMS Code: I3060002

Grade Level: 11

1.0 Credit

Prerequisite: 2.0 credit of high school laboratory science

Sports, exercise and health science (SEHS) is an experimental science that combines academic study with the acquisition of practical and investigative skills. It is an applied science course within group 4, with aspects of biological and physical science being studied in the specific context of sports, exercise and health. Moreover, the subject matter goes beyond the traditional science subjects to offer a deeper understanding of the issues related to sports, exercise and health in the 21st century. Apart from being worthy of study in its own right, SEHS is a good preparation for courses in higher or further education related to sports fitness and health, and serves as useful preparation for employment in sports and leisure industries.

SC7B.HL IB Sports, Exercise and Health Sciences Year 2 SL # - Tier V

TSDS PEIMS Code: I3060002

Grade Level: 12

1.0 Credit

Prerequisite: IB Sports, Exercise and Health Sciences Year 1 SL #

Sports, exercise and health science (SEHS) is an experimental science that combines academic study with the acquisition of practical and investigative skills. It is an applied science course within group 4, with aspects of biological and physical science being studied in the specific context of sports, exercise and health. Moreover, the subject matter goes beyond the traditional science subjects to offer a deeper understanding of the issues related to sports, exercise and health in the 21st century. Apart from being worthy of study in its own right, SEHS is a good preparation for courses in higher or further education related to sports fitness and health, and serves as useful preparation for employment in sports and leisure industries.

X46A.SL IB Computer Science Year 1 SL # - Tier V

TSDS PEIMS Code: I3580200

Grade Level: 11

1.0 Credit

Prerequisite: Computer Science I, Algebra II

Computer science requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The Diploma Programme computer science course is engaging, accessible, inspiring and rigorous. It has the following characteristics.

1. draws on a wide spectrum of knowledge
2. enables and empowers innovation, exploration and the acquisition of further knowledge
3. interacts with and influences cultures, society and how individuals and societies behave
4. raises ethical issues
5. is underpinned by computational thinking.

Computational thinking involves the ability to:

1. think procedurally, logically, concurrently, abstractly, recursively and think ahead
2. utilize an experimental and inquiry-based approach to problem-solving
3. develop algorithms and express them clearly
4. appreciate how theoretical and practical limitations affect the extent to which problems can be solved computationally.

During the course the student will develop computational solutions. This will involve the ability to:

1. identify a problem or unanswered question
2. design, prototype and test a proposed solution
3. liaise with clients to evaluate the success of the proposed solution and make recommendations for future developments.

X46B.SL IB Computer Science Year 2 SL # - Tier V

TSDS PEIMS Code: I3580200

Grade Level: 12

1.0 Credit

Prerequisite: IB Computer Science Year 1 SL #

Computer science requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The Diploma Programme computer science course is engaging, accessible, inspiring and rigorous. It has the following characteristics. **See X46A.SL for detailed course information.**

X46A.HL IB COMPUTER SCIENCE Year 1 SL # - Tier V

TSDS PEIMS Code: I3580310

Grade Level: 11

1.0 Credit

Prerequisite: Computer Science I, Algebra II

Computer science requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The Diploma Programme computer science course is engaging, accessible, inspiring and rigorous. It has the following characteristics. **See X464.SL for detailed course information.**

X46B.HL IB COMPUTER SCIENCE Year 2 SL # - Tier V

TSDS PEIMS Code: I3580320

Grade Level: 12

1.0 Credit

Prerequisite: IB COMPUTER SCIENCE Year 1 SL #

Computer science requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The Diploma Programme computer science course is engaging, accessible, inspiring and rigorous. It has the following characteristics. **See X464.SL for detailed course information.**

X46C.HL IB COMPUTER SCIENCE Year 1 SL # - Tier V

TSDS PEIMS Code: I3580310

Grade Level: 11

1.0 Credit

Prerequisite: Computer Science I, Algebra II

Computer science requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The Diploma Programme computer science course is engaging, accessible, inspiring and rigorous. It has the following characteristics. **See X464.SL for detailed course information.**

X46D.HL IB COMPUTER SCIENCE Year 2 SL # - Tier V

TSDS PEIMS Code: I3580320

Grade Level: 12

1.0 Credit

Prerequisite: IB COMPUTER SCIENCE Year 1 SL #

Business management studies business functions, management processes and decision-making in contemporary contexts of strategic uncertainty. It examines how business decisions are influenced by factors internal and external to an organization, and how these decisions impact upon its stakeholders, both internally and externally. Business management also explores how individuals and groups interact within an organization, how they may be successfully managed and how they can ethically optimize the use of resources in a world with increasing scarcity and concern for sustainability. Business management is, therefore, perfectly placed individuals and societies subject area: aiming to develop in students an appreciation both for our individuality and our collective purposes.

BB1B.SL IB Business Management Year 2 SL # - Tier V

TSDS PEIMS Code: N1290325

Grade Level: 12

1.0 Credit

Business management studies business functions, management processes and decision-making in contemporary contexts of strategic uncertainty. It examines how business decisions are influenced by factors internal and external to an organization, and how these decisions impact upon its stakeholders, both internally and externally. Business management also explores how individuals and groups interact within an organization, how they may be successfully managed and how they can ethically optimize the use of resources in a world with increasing scarcity and concern for sustainability. Business management is, therefore, perfectly placed individuals and societies subject area: aiming to develop in students an appreciation both for our individuality and our collective purposes.

BB1A.HL IB Business Management Year 1 SL # - Tier V

TSDS PEIMS Code: N1290326

Grade Level: 11

1.0 Credit

Business management studies business functions, management processes and decision-making in contemporary contexts of strategic uncertainty. It examines how business decisions are influenced by factors internal and external to an organization, and how these decisions impact upon its stakeholders, both internally and externally. Business management also explores how individuals and groups interact within an organization, how they may be successfully managed and how they can ethically optimize the use of resources in a world with increasing scarcity and concern for sustainability. Business management is, therefore, perfectly placed individuals and societies subject area: aiming to develop in students an appreciation both for our individuality and our collective purposes.

BB1B.HL IB Business Management Year 2 SL # - Tier V

TSDS PEIMS Code: N1290326

Grade Level: 12

1.0 Credit

Business management studies business functions, management processes and decision-making in contemporary contexts of strategic uncertainty. It examines how business decisions are influenced by factors internal and external to an organization, and how these decisions impact upon its stakeholders, both internally and externally. Business management also explores how individuals and groups interact within an organization, how they may be successfully managed and how they can ethically optimize the use of resources in a world with increasing scarcity and concern for sustainability. Business management is, therefore, perfectly placed individuals and societies subject area: aiming to develop in students an appreciation both for our individuality and our collective purposes.

XD6A.SL IB Film Year 1 SL # - Tier V

TSDS PEIMS Code: I3830300

Grade Level: 11

1.0 Credit

The DP film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others.

XD6B.SL IB Film Year 2 SL # - Tier V

TSDS PEIMS Code: I3830300

Grade Level: 12

1.0 Credit

The DP film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others.

XD6A.HL IB Film Year 1 HL # - Tier V

TSDS PEIMS Code: I3830400

Grade Level: 11

1.0 Credit

The DP film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others.

XD6B.HL IB Film Year 2 HL # - Tier V

TSDS PEIMS Code: I383040

Grade Level: 12

1.0 Credit

The DP film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others.

Early College High Schools

Early College High Schools, otherwise known as *Collegiate High School* and *Harold T. Branch Academy for Career and Technical Education* in CCISD, are small schools from which all students have the opportunity to access college hours in order graduate with an Associate degree, College/Industry Certification, and/ or enough college credits to enter a four-year, baccalaureate program as a college junior. These schools share the characteristics of effective small schools with an emphasis on support structures such as personalized learning environments, a common and coherent focus, a maximum of 400 students per school and adult-student relationships.

Early College High Schools reward mastery and competence with enrollment in college-level courses during high school. These schools increase the number of first-generation, low-income, English language learners, and students of color attaining the Associate's degree or two years of college credit with the opportunity to attain college-level coursework. Students will gain access to rigorous teaching and learning. By changing the structure of the high school years and compressing the number of years towards a college degree, Early College High Schools have the potential to save dollars for families and taxpayers, and better prepare students for entry into high-skill careers. Early College High Schools unify and re- conceptualize academic work from ninth grade through the second year of college, and thus it enhances the structure of secondary-postsecondary experiences.



Collegiate High School is a four-year public high school in a small learning community enrolling approximately 400 students in grades 9 through 12. The school opened in the Fall of 2006 and graduated its first senior class in the Spring of 2010. It is located on the Del Mar College campus. Students that attend Collegiate High School are able to complete a minimum of 42 core college hours and/or an Associate's Degree simultaneously with their high school diploma. Collegiate High School is an approved Early College High School recognized by the Texas Education Agency and Texas Higher Education Coordinating Board.



Harold T. Branch Academy for Career and Technical Education (HTB) is a four-year public high school in a small learning community enrolling approximately 300 students in grades 9 through 12. The school opened in the Fall of 2013 and graduated its first senior class in the Spring of 2014. It is located across from the Del Mar West College campus. Students that attend HTB are able to complete a College/Industry Certificate, a Marketable Skills Award, and/or an Associate's Degree simultaneously with their high school diploma. HTB is an approved Early College High School recognized by the Texas Education Agency and Texas Higher Education Coordinating Board.

Benefits of Early College High Schools:

- Make higher education more accessible, affordable, and attractive by bridging the divide between high school and college in a physical place;
- Enhance time, while in high school, to facilitate the transition of college-level coursework in preparations for higher education;
- Provide needed guidance and support from staff through the initial years of college; and,
- Demonstrate new ways of integrating levels of schooling to better serve the intellectual and developmental needs of young people.

Attributes of Early College High Schools:

- Common focus on key research-based goals and intellectual mission;
- Shared, clear, high expectations and standards, with all students completing a coherent, rigorous course of study;
- Small, personalized learning environments, with no more than 400 students per high school
- Respect and responsibility among students, among teachers, and between students and teachers;
- Time for teachers/staff to collaborate and for the inclusion of parents and the community in an education partnership;
- Emphasis on performance, with students promoted based on demonstrated competency; and
- Technology used as a tool for designing and delivering engaging and imaginative curricula

Early College High Schools ensure that students prepare for and master college-level work. The challenge is not only to establish a small-scale, nurturing environment and rigorous academic standards for high school but also to maintain such an environment for the initial years of college-level work. Each school provides an array of coursework that students may select from based on their college/career interests in accordance with the Advanced Graduation Program established by House Bill 5.

Eligibility and Target Population

- Maintain residency in the CCISD attendance boundary zone and attended a CCISD middle school.
- Classified as a first year Grade 9 student.
- Identified as an at-risk student, English language learner, first generation to attend college, low income, and/or an underrepresented student.
- Perform at or above the Grade 6 proficiency level as evidenced by standardized test results in the areas of reading, writing, and math.
- Display the potential for college-level work while in middle school.
- Desire to be intellectually challenged and committed to embrace education.
- Demonstrate personal characteristics to function in a demanding nontraditional school environment (i.e., maturity, work habits, citizenship, team work).

Selection Procedures

The selection utilized to determine qualified applicants consists of the following steps:

STEP 1: The applicant must complete the *Student Application* available through each middle school and/or on the campus website beginning in January.

STEP 2: A Selection Review Committee will consider all applications to determine if the applicant meets the eligibility criteria set forth by the Bill and Melinda Gates Foundation.

STEP 3: All applicants will receive notification of eligibility status. Only eligible applicants will be required to participate in an interview.

STEP 4: A random, computerized lottery process will select approximately 115 eligible applicants at Collegiate HS and 75 eligible applicants at Branch Academy.

General Program Requirements/Expectations

Students will be required to:

- Fulfill an advanced graduation diploma.
- Meet the District's promotion requirements.
- Attend a summer program prior to starting Grade 9.
- Commit to a year-round education by attending summer courses.
- Maintain excellent attendance with no more than 4 absences each term.
- Meet all college admissions criteria before enrolling in college coursework.
- Participate in scheduled activities hosted by the school.
- Maintain a minimum of a 2.5 grade point average.
- Participate in community service activities (minimum of 100 hours).
- Represent the school and college in a professional manner.
- Participate in an AVID course (as assigned/available).
- Complete a Graduation Portfolio Project.

Collegiate High School Program(s) of Study:

All students follow the Del Mar College Liberal Arts Associates Degree Plan with the elective coursework complimenting the student's chosen graduation endorsement (i.e., Engineering, Medical, Education, Business, etc). All college course descriptions and college degree plan(s) may be accessed through www.delmar.edu. The CTE Career Clusters available are as follows:



Harold T. Branch Academy Program(s) of Study:

All students follow a Del Mar College Certificate/Associates Degree Plan complimenting the student's chosen graduation endorsement (i.e., Engineering, Medical, Education, Business, etc.). All college course descriptions and college degree plan(s) may be accessed through www.delmar.edu. The CTE career clusters available are as follows:



DUAL CREDIT PROGRAM GUIDELINES

Texas public school districts are required by law to provide the opportunity for students to earn at least 12 college hours while completing requirements for high school graduation (Texas Education Code, Title 2, Subtitle F, Chapter 28, Subchapter A, Section 28.009). Opportunities to earn college credit include these programs: Dual Credit, Advanced Placement, and International Baccalaureate. Implementation of the Texas rules for Dual Credit courses can be found in 1) CCISD Board Policy Online at <https://pol.tasb.org/Home/Index/948>, 2) search for “Dual Credit” and 3) select the EHDD (Legal) for details.

Dual Credit Student Enrollment Process

Students wishing to enroll in a Dual Credit class must:

1. meet with his/her academic counselor and review the Dual Credit Admissions Student Packet,
2. complete the CCISD/Del Mar College Dual Credit Application,
3. complete the Apply Texas Application for Del Mar College.
4. earn an acceptable college-ready score on TSI Assessment prior to enrolling in the CCISD Dual Credit class, or meet any of the exemptions as specified by Del Mar College.
5. receive written approval from their counselor or the designated dual credit counselor.

Information regarding general requirements as well as admission, testing, registration, and tuition/fees will be provided by CCISD and Del Mar College to your high school counseling office. Instructions on how to apply for admission for Dual Credit courses will be provided to each student by the academic counselor.

Transfer of College/University Credit

Public institutions of higher education in the State of Texas are required, by state law, to accept most college-leveled courses in transfer from another state public institution as core, course of study or elective credit. Credit may or may not be accepted by private or out-of-state institutions. Students should ask the registrar’s office at their intended institution if the college/university accepts the partnering college/university credit in transfer. Generally, a “C” average or better is required for the course credit to transfer to other post-secondary educational institutions.

Discipline Procedures/Policies

Although the Dual Credit student is still in high school, students who elect and are eligible to participate in Dual Credit courses are considered college students. In all matters related to the Dual Credit course, students are held to the standards, expectations and regulations of the partnering college.

Students in these courses must also follow the CCISD Student Code of Conduct and are subject to school discipline accordingly. If a student commits an infraction that leads to a Disciplinary Alternative Education Program or suspension, the associated absences will count against those allowed by the partnering college. Depending upon the impact of the Disciplinary Alternative Education Program or suspension on attendance in the Dual Credit course, a student may be administratively withdrawn from the Dual Credit class. The student is responsible for discussing his or her situation with the professor to determine whether or not arrangements can be made to continue in the class.

Del Mar College does not recognize excused or unexcused absences; an absence is an absence. CCISD school sponsored trips will be considered absences by the partnering college. A student dropped from a college class for excessive absences prior to the withdrawal date will receive a W on his or her college transcript and receive no college credit for the course. A student dropped from a college class for excessive absences after the withdrawal date will receive an F on his or her college transcript. Dual Credit courses taught at the partnering college typically meet two or three days a week. Dual Credit courses taught on the high school campus follow the assigned high school schedule.

A student may also be administratively withdrawn from the college course for inappropriate behavior. Inappropriate behavior is any behavior that interferes with the learning process. Students are referred to the Del Mar College Student Handbook for specific information on student conduct. Regulations and procedures concerning behavior, attendance and academic dishonesty will be strictly adhered to by the college.

Credit by examination is not an option to regain high school credit for a Dual Credit course from which a student has dropped, failed or been withdrawn.

Withdrawals

Students should talk with their academic counselor if a course withdrawal is considered. As stated in the Texas Education Code 51.907, no more than a total of six course drops or withdrawals may appear on a student’s college/university transcript for an undergraduate degree. If a student withdraws or is administratively withdrawn from a Dual Credit course (or college/university class), he/she should consult with his/her high school counselor to see what alternatives, if any, are available to receive high school credit for graduation. The student must complete official college/university withdrawal requirements prior to the college/university’s last official date for withdrawal. Failure to do so could result in the student receiving an “F” on his/her official college/university transcript and high school transcript. Withdrawal requirements can be found in the partnering college/university Student Handbook.

Students with Disabilities

Parents of students receiving special education modifications or 504 accommodations in CCISD and who wish to enroll in one or more Dual Credit courses should contact the high school counselor. Del Mar College Special Services staff will evaluate a student's disability through submitted documentation by the student (mental, psychological and/or psycho-educational assessment reports) and identify the reasonable accommodation(s) which will be effected to enable the student to perform academic requirements or participate in other activities at the college in compliance with the ADA and Section 504 of the Rehabilitation Act of 1973 and Texas state laws. The accommodation(s) may involve assignment of a note taker, sign language interpreter, extended testing time, tape recording a lecture, assignment of a reader, or other reasonable accommodation(s).

PLEASE NOTE: CCISD follows the guidelines established under Section 504 of the Rehabilitation Act and the Individuals with Disabilities Education Act (IDEA) while the partnering the college/university follows the Americans with Disabilities Act (ADA). Therefore, a student's Individual Education Plan (IEP) will not be followed. It is important to meet with the partnering college/university Special Services staff to discuss accommodations the college/university will provide.

Grade Reporting

Students, following the syllabus, should monitor their grades throughout the semester. Del Mar College instructors will only communicate with the student about his/her grade status. Parents should communicate with their son or daughter about their academic progress and not with the college instructors. Letter grades issued by the partnering college are translated into numerical grades. Numerical grades earned in Dual Credit courses will become part of the students' permanent high school records and shall be included in the students' high school grade point averages and used in calculating rank-in-class.

The college grade will be recorded on the student's official college transcript. In addition, students may request a copy of their official college transcript from the Del Mar College Registrar's Office and have it sent to colleges/universities of their choice. Students are responsible for inquiring about the transferability of courses, scholarship implications, and admission status implications as these apply to future college/university enrollment.



TSI ASSESSMENT

Students are required to meet Texas Success Initiative (TSI) requirements. The TSI Assessment is used to determine a student's academic ability in order to correctly identify the correct course sequence for new students. The TSI Assessment will determine student preparation level for the subjects of reading, writing, and math.

Frequently Asked Questions:

How do I prepare for the TSI Assessment?

If it is determined that you need to take a placement test, you will be required to complete a Pre-Assessment Activity (PAA) before signing up to take the test. (The PAA certificate will be your admission ticket to the TSI Assessment)

DMC strongly encourages you to thoroughly prepare for the test prior to taking it. Results of this test will determine whether you need multiple levels of developmental writing, reading, and/math, a single level, or if you are college level.

What are the steps to completing the PAA and taking the new TSI Assessment?

1. Once students have completed the Practice Assessments they will print a certificate indicating they have completed the PAA after all four components have been reviewed.
2. Once the certificate has been printed you may sign-up for the TSI assessment.

Why is the PAA important?

The PAA is important because it helps students understand the importance of the TSI assessment in determining the correct courses to take which will ultimately lead to student success. Additionally it provides feedback on where students can improve with respect to reading, writing and math. It also provides information on the college and community resources to help students be more successful.

Are all students required to complete the TSI Assessment?

TSI Assessment exemptions are available to students who meet score requirements on external assessments such as the ACT, SAT, PSAT, or STAAR EOC. (For more information, please speak to your high school counselor)

Foundation High School Program Endorsement Opt-Out Agreement

The [Texas Education Code, Section 28.025\(b\)](#), allows a student to graduate under the Foundation High School Program without earning an endorsement if, after the student's sophomore year, the student and the student's parent/guardian are notified of the benefits of graduating with an endorsement and the student's parent/guardian gives written permission for the student to opt out of an endorsement. The benefits of graduating with an endorsement are available in the [Graduation Toolkit](#), produced in partnership by the Texas Education Agency, the Texas Higher Education Coordinating Board, and the Texas Workforce Commission.

STUDENT INFORMATION

Student Name: _____

Student Classification: _____ Campus: _____

District/Charter: _____

PARENT OR GUARDIAN

I have received written notice regarding the benefits to my child of graduating from high school with one or more endorsements and I grant permission for my child to graduate under the Foundation High School Program without earning an endorsement.

Signature of parent/guardian

Date

SCHOOL ADMINISTRATOR

I certify that _____ (student name) meets the criteria below to pursue the Foundation High School Program without an endorsement.

- The student has completed his or her sophomore year of high school.
- The student and his or her parent/guardian have been advised by a school counselor of the specific benefits of graduating from high school with one or more endorsement.

Signature of school administrator

Date

Title

**Programa Básico /Fundamental
Acuerdo de omitir un plan de especialidad**

[El Código de Educación de Texas, Sección 28.025 \(b\)](#), permite que un estudiante se gradúe bajo el Programa Básico/Fundamental sin obtener un plan especialidad si después del segundo año de preparatoria el estudiante y sus padres/guardianes son notificados de los beneficios de graduarse con una especialidad y el padre / guardián del estudiante da permiso por escrito para que el estudiante opte por no recibir un plan de especialidad. Los beneficios de graduarse con una especialidad están disponibles en el folleto titulado "[Herramientas para graduarse](#)", producido en colaboración por la Agencia de Educación de Texas, La Junta Coordinadora de Educación Superior de Texas y La Comisión de la Fuerza Laboral de Texas.

Información del estudiante

Nombre del Estudiante: _____

Clasificación del Estudiante: _____ Campus(Escuela): _____

Distrito Escolar/Escuela Charter: _____

Padre o Guardián

He recibido una notificación por escrito con respecto a los beneficios para mi hijo(a) de graduarse de la escuela secundaria con un plan o más de especialidades y otorgo permiso para que mi hijo(a) se gradúe bajo el Programa Básico/Fundamental sin una especialidad.

Firma de Padre o Guardián

Fecha

Administrador de la escuela

Yo certifico que _____(nombre del estudiante) cumple con los siguientes criterios para continuar con el Programa Básico/Fundamental sin una especialidad.

- El estudiante ha completado con su segundo año de preparatoria.
- El estudiante y sus padres/guardianes han sido asesorados por un consejero de la escuela de los beneficios de graduarse de la preparatoria con un plan o más de especialidades.

Firma del Administrador de la escuela

Fecha

Título