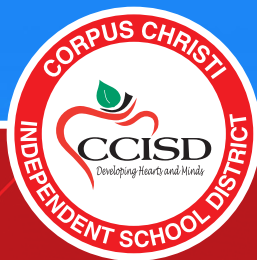
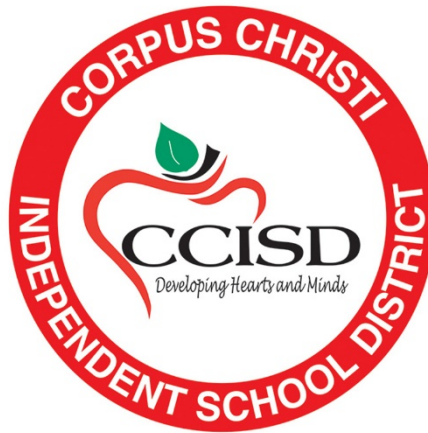


CORPUS CHRISTI INDEPENDENT SCHOOL DISTRICT



2024-2025
**HIGH SCHOOL
COURSE CATALOG**





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 3rd grade students who score at the Meets Grade Level or above on STAAR Reading and Math will increase to 58% by End of Year 2028.

Goal 2:

Percent of all 3rd - End Of Course (EOC) students who achieve Meets Grade Level Performance or above on STAAR Reading & Language Arts will increase to at least 63% by 2028.

Percent of all 3rd - End Of Course (EOC) students who achieve Meets Grade Level Performance or above on STAAR Math will increase to at least 48% by 2028.

Goal 3:

Percent of graduates who meet one or more of the College, Career and Military Readiness (CCMR) indicators will increase annually to 88% by End of Year 2028.

Goal 4:

Non-Academic Goals Discipline, Attendance and Communication

BOARD OF TRUSTEES

Mr. Don Clark, President

Mr. S. Jaime Arredondo, Vice President

Ms. Dolly Gonzales Trolley, Secretary

Mr. Eric Villarreal, PE, Assistant Secretary

Ms. Jane D. Bell, Trustee

Mr. Marty Bell, Trustee

Ms. Alice Upshaw Hawkins, Trustee

ADMINISTRATION

Dr. Roland Hernandez, Superintendent of Schools

Dr. Sandra Clement, Deputy Superintendent of Curriculum and Instruction

July 2024

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The contents of this handbook are not contractual and do not give rise to claim of breach of contract against the district. The most current course catalog can be found on the Corpus Christi ISD website @ www.ccisd.us.

Career and Technical Education

Annual Public Notification of Nondiscrimination

Corpus Christi ISD offers Career and Technical Education programs in Agriculture, Culinary Arts, Food & Natural Resources, Architecture & Construction, Arts, A/V Technology & Communications, Business Management & Administration, Education & Training, Finance, Health Science, 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 6-12.

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, Dr. Sandra Clement, at sandra.clement@ccisd.us, 361-695-7408, and/or the district's Section 504 Coordinator at 361-878-2680 ext. 44936.

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 6-12.

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, Dr. Sandra Clement, sandra.clement@ccisd.us el número del teléfono 361- 695-7408 y o el Coordinador de Sección 504, en número de teléfono 361-878-2680 etx. 44936.

Fast Track Your Path to Texas Universities

Texas First Diploma

We're excited to introduce the **TEXAS FIRST DIPLOMA**. This prestigious opportunity enables you to graduate early with the Distinguished Level of Achievement AND receive a scholarship for college.

As one of Texas' top students, you may be eligible to accelerate your path to college and receive a scholarship for one or two semesters at one of these Texas universities:

- Texas A&M University
- Texas State University
- Texas Tech University
- The University of Texas at Arlington
- The University of Texas at Austin
- The University of Texas at Dallas
- The University of Texas at El Paso
- University of Houston
- University of North Texas
- The University of Texas at San Antonio

For more information, scan the QR code below!



Talk to your counselor today to see if this exciting new opportunity is the right path for you!

THE FINE PRINT

Here are the eligibility requirements:

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

Scan the QR code above for a detailed list of eligibility requirements.

If you graduate two or more semesters early, you'll receive a two-semester scholarship, worth several thousand dollars, to a participating university.

If you graduate one semester early, you'll receive a one-semester scholarship to a participating university.

You may also be eligible for additional financial aid at most of these institutions!

The Texas First Diploma does not guarantee automatic admission for students. Consult your counselor for guidance on whether your grade point average at graduation qualifies you for automatic admission under the state's top 10 percent law.

You can apply to any college or university you choose. However, the scholarship will only apply toward participating universities, listed above.

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

Don't forget to talk to your counselor to see if this is the right path for you!

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 2022-2023 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.**

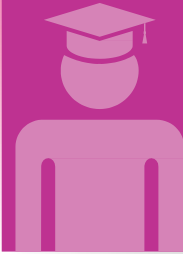
College Admissions

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.

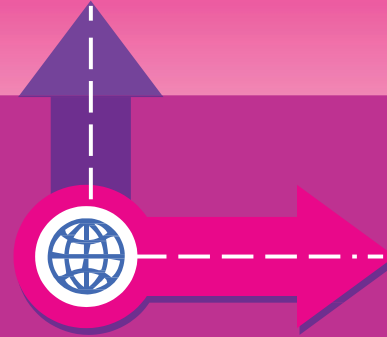
Rank-in-Class Calculations

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



MAP YOUR
FUTURE



Rank Policy: EIC (Local)

1. Tier System

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

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

Tier IV (.25)
Pre-AP, IB/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

**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 I 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 I (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:

- If there was an error in the computation of the student's grade; or
- If an error was made entering grades into the teacher's grade book; or
- If the district grading guidelines were not followed

Student Schedule Changes

For the 2022-2023 school year, student-initiated schedule changes to add or drop a course will only be considered if requested during the first seven school days of instruction of a course in grades 6–12. Dropping a course is considered a schedule change.

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.**

Administrative Schedule Changes

Administrator-, counselor-, or teacher-initiated student schedule changes may be considered at any time during the school year.

Parent Changes

Parent-initiated requests for class or teacher changes will be considered according to the guidelines listed below. A principal may ask that the parent submit the reasons for the request in writing. A principal, upon having a conference or discussion with a parent, may grant or deny a parent request for a teacher change based on the following:

1. Number of students in classroom;
2. Teacher/pupil ratios;
3. Number of classes or sections available;
4. Impact on campus schedules, instructional programs or instructional organization (academic teams, special programs, individual student schedule);
5. Impact on the assignment or reassignment of another student;
6. Additional reasons as determined by the principal; and

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.

Endorsement/Program of Study Declaration of Intent

Students are required to declare an Endorsement and Program of Study (POS) during the ninth-grade pre-registration process. Counselors and students will use information Naviance to create 4-year degree plans. The signature of the student and the parent are required to participate in a CTE program. Students must make a commitment to stay in the program for a minimum of one school year. Students who wish to change their Program of Study are required to consult with their academic counselor and present the reason(s) for the desired change. The CTE Program of Study Change Form will need to be completed by the parent, student, and campus personnel. This form can be requested from the campus counselor. Note: The approval and signature of the student, parent, CTE teacher, academic counselor, and administrative designee will be required. Parents/guardians have access to login and view their student's Naviance Account. Information available within Naviance includes 4-year High School Course Plans and postsecondary college and career planning options. Login to your Naviance Parent/Guardian Account at <https://student.naviance.com/auth/fclookup> or contact your child's school counselor for a direct link and parent registration code.

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 and grade 3-8 assessments.

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 and pass EOC assessments.

EOC assessments are administered for the following courses: English I, English II, Algebra I, Biology, and United States History. Each student will be required to achieve certain scores on the applicable EOC assessments to graduate. 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.

(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.

(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

Emergent Bilingual Learners 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.

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.

CCISD Advanced Placement Commitment Form (2024-2025)

Corpus Christi Independent School District encourages every student to graduate from high school with at least one advanced academic core course credit such as Advanced Placement (AP). Completing college rigor courses taught by high school teachers with special training and creating high-level learning experiences has been shown to increase a student's likelihood of completing a bachelor's degree in college, and often leads to higher college GPAs (Hargrove, Godin & Dodd, 2007; Dodd and Keng, 2008).

Student Commitment

- I am responsible for turning in this signed and completed CCISD Advanced Placement Commitment Form to my teacher by the 11th day of school (**August 26, 2024**) or my schedule will reflect a change to a standard level course effective **September 2nd**.
- I am required to register & pay for the AP exam by the campus deadline & will take the AP exam in May.
- The deadline to withdraw from an AP course is **October 25th** for year-long courses, as well as fall semester courses, and **February 28th** for spring semester courses. Withdrawing past the deadline will require campus administration approval and will result in me being responsible for the *unused/ordered exam fee* of \$25.00.
- If I do not take the ordered AP exam in May, I will pay the *unused/ordered exam fee* of \$25.00.
- If I am not eligible for a free exam, I will speak to my AP teacher to inquire about scholarship or payment plan options and will do so in a timely manner prior to the AP registration deadline.
- I will be expected to be prepared for class every day, utilize College Board platforms, and know that AP courses may seem challenging at first and initial grades may not reflect later grades in the course.
- I may need to conference with my teacher about my progress and attend recommended tutorials and interventions, in the event I encounter difficulties with the course content.
- I understand course changes will be contingent on space availability, extenuating circumstances, the teacher's appraisal of my potential for success in the course, and the timing of the request.
- I understand a score of 3 or higher on an AP exam can yield college credit.
- I understand participation in advanced coursework prepares me well for college, increasing my chances of finishing a college degree in four years and earn a high college GPA.

Student Signature

Student Printed Name

Date

Parent/Guardian Commitment

- My child is responsible for turning in this signed and completed CCISD Advanced Placement Commitment Form to their AP teacher by the 11th day of school (**August 26, 2024**) or their schedule will reflect a change to a standard level course **effective August 30th**.
- The deadline for withdrawal from an AP course is **September 2nd** for year-long courses as well as fall semester courses and **February 28th** for spring semester courses. Withdrawing past the deadline will require campus administration approval and will result in being responsible for the *unused/ordered exam fee* of \$25.00.
- If my child does not take the ordered AP exam for this course in May, I will pay the *unused/ordered exam fee* of \$25.00.
- I will need to make timely arrangements to pay for the AP exam if my student is not eligible for a free exam.
- My child is required to register & pay for the AP exam by campus deadline & will take the AP exam in May.
- I must encourage my child to be prepared for class every day and to utilize the College Board platform.
- I understand advanced academics courses may seem challenging at first & initial grades may not reflect later grades in the course.
- My child will conference with the AP teacher and attend recommended tutorials and interventions if he/she encounters difficulties with the course content.
- I understand schedule changes will be contingent on space availability, extenuating circumstances, and the teacher's appraisal of my child's potential for success in the course, and the timing of the request.
- My child's participation in advanced coursework prepares them well for college and increases their chance of finishing a college degree in four years and earning a high college GPA.

Parent/Guardian Signature

Parent/Guardian Printed Name

Date

Teacher Commitment

- Explain the *CCISD Advanced Placement Commitment Form* to AP students by **August 16, 2024**.
- I will teach my AP course as outlined and authorized by College Board including District Required AP Classroom assessments including Personal Progress Checks and Performance Tasks.
- I will provide quality instruction at an advanced level that includes rich, deep and broad content, and strategies for learning and approaching the AP exam.
- I understand it is my responsibility to comprehend the modifications and/or accommodations my students with disabilities require and will provide these accordingly as specified in their IEP or IAP.
- I will give ample opportunities for students to be successful (Including tutorial opportunities beyond the school day).
- I will assign work that is meaningful and relevant to the student learning objectives provided by College Board.
- I acknowledge that students are enrolled in many other courses and that workload for this course must not be unreasonably time consuming.
- I will attend APSI every other summer and attend and engage in all campus and district AP meetings and relevant Professional Development.
- I will encourage students to register for and take the AP exam and will communicate with the campus AP Coordinator any student inquiries regarding scholarship and/or payment plan opportunities.

Teacher Signature

Teacher Printed Name

Date

Campus Principal Commitment

- I will ensure student, parent, teacher, & counselor commitments are submitted by the deadline established by **Advanced Academics**.
- I will ensure campus administrators & counselors review & understand the CCISD AP Commitment Form.
- I will develop and implement a schedule of meetings (PLC) at least once every six weeks for AP teachers to collaborate and review student progress and instructional needs/adjustments.
- I will ensure that all students enrolled in an AP course register for the AP exam by the College Board Deadline.
- I will support AP teachers in the delivery of instruction as outlined by College Board for their assigned AP course.
- I will ensure that each student who does not return their signed commitment forms (student and parent) by the 11th day of school will receive a schedule change to a standard level course effective **September 2nd**.

Principal Signature

Principal Printed Name

Date

Campus Lead Counselor

- I will ensure student commitments are submitted by the deadline established by **Advanced Academics**.
- I will ensure all campus counselors review & understand the CCISD AP Commitment Form.
- I will ensure that all students enrolled in an AP course register for the AP exam by the College Board Deadline.
- I will ensure that each student who does not return their signed commitment forms (student and parent) by the 11th day of school will receive a schedule change to a standard level course effective **September 2nd**.

Campus Lead Counselor Signature

Campus Lead Counselor Printed Name

Date

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) 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 Memorial 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 environment.

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



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)

STATE GRADUATION REQUIREMENTS

HOUSE BILL 5 REQUIREMENTS:

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: 6.5 credits

Health: .5 credit (Beginning with the Freshman Class of 2023 2024)

*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 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.

| Career Cluster | Program of Study | Endorsement | Carroll | King | Moody | Miller | Ray | Veterans | Coles | Location |
|---|---|-----------------------------|---------|------|-------|--------|-----|----------|-------|-----------------------|
| Agriculture, Food, and Natural Resources | Animal Science * | Business & Industry | X | | | | | | | Campus |
| Agriculture, Food, and Natural Resources | Plant Science * | Business & Industry | | | | | X | | | Campus |
| Architecture and Construction | Carpentry * | Business & Industry | | | | | X | | | Campus |
| Architecture and Construction | Construction Management and Inspection | Business & Industry | X | | | | | | | Campus |
| Architecture and Construction | Electrical CTC | Business & Industry | | X | | X | | X | | Craft Training Center |
| Arts, Audio Video Technology, and Communication | Digital Communications - Audio Video | Business & Industry | X | X | | X | X | | | Campus |
| Arts, Audio Video Technology, and Communication | Graphic Design & Interactive Media: Fashion Design * | Business & Industry | | X | | | | | | Campus |
| Arts, Audio Video Technology, and Communication | Graphic Design & Interactive Media: Graphic Design | Business & Industry | | | X | | | X | | Campus |
| Arts, Audio Video Technology, and Communication | Printing & Imaging * | Business & Industry | | X | | | | | | Campus |
| Business, Marketing, and Finance | Entrepreneurship | Business & Industry | X | X | | X | | X | | Campus |
| Business, Marketing, and Finance | Accounting and Financial Services #DC | Business & Industry | | | | | | X | | Campus |
| Business, Marketing, and Finance | Marketing & Sales | Business & Industry | | | | | X | | | Campus |
| Education & Training | Teaching and Training | Public Service | X | X | X | X | X | X | | Campus |
| Health Science | Exercise Science, Wellness, & Restoration #CE * | Public Service | | | | | | X | | Campus |
| Health Science | Healthcare Therapeutic - Dental Assistant * | Public Service or STEM | X | | | | | | | Campus |
| Health Science | Nursing Science (PTECH) #CE * (EKG, Phlebotomy, Medical Assist, Patient Care Technician) | Public Service or STEM | | | X | | | | | Campus |
| Health Science | Healthcare Therapeutic - Phlebotomy, Medical Assistant | Public Service or STEM | X | X | | X | X | X | | Campus |
| Health Science | Biomedical Science | Public Service or STEM | | | | | | X | | Campus |
| Hospitality and Tourism | Culinary Arts | Business & Industry | X | X | X | X | X | X | | Campus |
| Hospitality and Tourism | Hospitality and Tourism | Business & Industry | | | | | | | X | Campus |
| Human Services | Cosmetology DC * | Public Service | | | | X | | | | Del Mar |
| Information Technology | Cybersecurity | Business & Industry or STEM | X | X | X | X | X | X | | Campus |
| Law and Public Service | Law Enforcement | Public Service | X | X | X | X | | | | Campus |
| Law and Public Service | Emergency Services - Firefighter DC | Public Service | X | X | X | X | X | X | | Del Mar |
| Manufacturing | Industrial Maintenance | Business & Industry | | | X | | | | | Campus |
| Manufacturing | Welding DC | Business & Industry | | X | | X | X | | X | Del Mar |
| Manufacturing | Welding DC | Business & Industry | X | | | | | X | | Campus |
| Manufacturing | Welding DC (PTECH) * | Business & Industry | | | X | | | | | Campus |
| Manufacturing | Welding CTC | Business & Industry | | | | X | | | | Craft Training Center |
| Engineering | Engineering Foundations PLTW (T-STEM) * | Business & Industry or STEM | | | X | | | | | Campus |
| Transportation, Distribution, and Logistics | Automotive * | Business & Industry | | | | X | | | | Campus |
| Transportation, Distribution, and Logistics | Aviation* | Business & Industry | | | | | | X | | Campus |
| Transportation, Distribution, and Logistics | Drone (Unmanned Flight /Robotics) * | Business & Industry | | | X | X | | | | Del Mar |
| Transportation, Distribution, and Logistics | Maritime * | Business & Industry | X | | | | | | | Campus |

NOTE: Early College Campuses Branch and Collegiate HS offer many additional standard and dual credit CTE programs.

CE-Continuing Education

DC-Dual Credit

*-Program of Choice Option (application/transfer required)

Revised 8/2024

| CTE Middle School Course Offerings | | | |
|--|---|---------------------|-----------------------------------|
| Program of Study | Course Name | Endorsement | Campus |
| Graphic Design & Interactive Media: Graphic Design | Digital Media | Business & Industry | Adkins, Grant, Kaffie |
| NA | Investigating Careers (Career & College Exploration) | N/A | All, but C@SP |
| Digital Communications - Audio Video | Principles of Audio/Video Technology & Communications | Business & Industry | Baker, Tom Browne, Driscoll, Haas |
| Animal Science | Principles of Agriculture | Business & Industry | Grant |
| Teaching and Training | Principles of Education & Training | Public Service | Martin & Hamlin |
| NA | General Employability | N/A | All, but C@SP |
| NA | Gateway to Technology PLTW 6th Grade | N/A | Cunningham @ South Park |
| NA | Gateway to Technology PLTW 7th Grade | N/A | |
| Engineering Foundations | Engineering Essentials-Gateway to Technology (PLTW) | N/A | |

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.

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.

Emergent Bilingual (EB)/Immigrant Students

EB 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.

Emergent Bilingual (EB)/Non-Immigrant Students

EB 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.

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.H ENGLISH I HONORS # - 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 EN6

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

Credit: 1
Prerequisite: Committee Approval

E24.H ENGLISH II HONORS # - 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: English II, Committee Approval

E32 ENGLISH III: LANGUAGE AND COMPOSITION AP - Tier V

TSDS PEIMS Code: A3220100

Grade Level: 11

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.

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: English III, 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. Prerequisite: English II.

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 indepth 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 indepth 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, Emergent Bilingual (EB) students who have been identified as having few or no English skills. Assists the EB 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 Emergent Bilingual (EB) students who have some English oral proficiency, but few or no English reading and writing skills. Assists the EB 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 committee approval.

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 recommendation 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 committee approval.

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.

EX7.D INDEPENDENT STUDY IN ENGLISH BRITISH LITERATURE DUAL CREDIT # Tier V

TSDS PEIMS Code: 03221800

Grade Levels: Meets CCISD Dual Credit application requirements

Credit: 0.5

Recommended Prerequisite: ENGL 1301 or passing score for AP English Language Exam

Survey of the development of British literature from the Anglo-Saxon period to the present. Students will study works of prose, poetry, drama and fiction in relation to their historical, linguistic and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

EX7A.H INDEPENDENT STUDY IN ENGLISH(FIRST TIME TAKEN) PART A HONORS # - Tier IV

TSDS PEIMS Code: 03221800 (First Time Taken)

Grade Levels: 9-12

Credit: 0.5

Recommended Prerequisite: Concurrent enrollment in any level English course

XE1 INDEPENDENT STUDY IN ENGLISH: LITERATURE AND COMPOSITION # - Tier V (class of 2023-2025 Only)

TSDS PEIMS Code: 03221800 (First Time Taken)

Grade Levels: 9-12

Credit: 0.5

Recommended Prerequisite: Concurrent enrollment in any level English course

EX8A.H INDEPENDENT STUDY IN ENGLISH PART A HONORS # - Tier IV

TSDS PEIMS Code: 03221810 (Second 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 (class of 2023-2025 Only)

TSDS PEIMS Code: 03221810 (Second Time Taken)

Grade Levels: 9-12

Credit: 0.5

Recommended Prerequisite: Concurrent enrollment in any level English course

EX9A.H INDEPENDENT STUDY IN ENGLISH PART A HONORS # - Tier IV

TSDS PEIMS Code: 03221820 (Third 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 (class of 2023-2025 Only)

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

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

This course is designed for students who have not yet demonstrated college readiness in English Language Arts and Reading on the ACT, SAT, or TSIA/TSIA2. This course counts as the fourth required English credit on the Foundation High School Program (and FHSP Plus Endorsement). Students will be expected to attempt the TSIA2 exam in English Language Arts and Reading at the end of the course, however, successful completion of the course through Texas College Bridge will allow your student to receive a Texas Success Initiative (TSI) exemption, which means college reading or writing developmental education courses will not be required for a 24 month period after graduation at any of the partnering institutions on the statewide MOU. A complete list of partnering institutions is available at: <https://texascollegebridge.org/higher-ed/>.

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, printmaking, 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

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

O42

O43

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

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

TSDS PEIMS Code: 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

Theatre Arts I is an introductory class with a focus on performance. The student will develop concepts about self, human relationships, elements of drama and conventions of theatre. Students will be introduced to all types of performance (acting for the stage, improvisation, scenes, and vignettes, etc.) Students will also create and perform their own original scenes in various theatrical genres.

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

Further 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 and Audition

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 and Audition

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: None

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 and Teacher Approval

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 and Teacher Approval

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. This is a hands on course with an emphasis on safety procedures and demonstrated safe operation of theatre equipment and tools. Course prepares students for careers in the performing arts. Requires participation in out-of-school curricular and extracurricular productions and activities.

U91

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 and Teacher Approval

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.

L20 HEALTH EDUCATION - Tier III

TSDS PEIMS CODE: 03810100

Grade Levels: 9-12

Credit: 0.5

Prerequisite: None

L20.LS HEALTH EDUCATION - Tier I

TSDS PEIMS CODE: 03810100

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Committee NONE

The goal of health education is to provide instruction that allows youth to develop and sustain health-promoting behaviors throughout their lives. Application of these standards will allow students the ability to gather, interpret, and understand health information; achieve health literacy; and adapt to the ever-evolving science of health. Students will gain an understanding of health information and skills through six strands of health concepts recommended by the Texas Education Agency: physical health and hygiene; mental health and wellness; healthy eating and physical activity; injury and violence prevention and safety (including hands-only CPR training); alcohol, tobacco, vaping, and other drugs; and reproductive and sexual health

LANGUAGES OTHER THAN ENGLISH**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 LANGUAGES OTHER THAN ENGLISH 79 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 Language and Culture AP

Provides opportunities for the capable and/or highly motivated student to increase proficiency in communication and understanding of Spanish Literature and Culture. 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.

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 stakeholders 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 II

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 II

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: 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: 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: 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: 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: Committee Approval (1/2 DAY TUESDAY & THURSDAY) -to be partnered with RTK TIDES Transition Services

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

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 jobsite 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 Srvs 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 jobsite 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

M38.H GEOMETRY HONORS# - 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: 031025100

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

M44 INC ALGEBRAIC REASONING - Tier III

TSDS PEIMS CODE: 03102540

Grade Levels: 9-12

Credit: 1

Prerequisite: None

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

Introduces 50the 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.

M44 INC ALGEBRAIC REASONING - Tier III

TSDS PEIMS CODE: 03102540
Grade Levels: 9-12
Credit: 1
Prerequisite: Algebra I 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.

MX1A.H INDEPENDENT STUDY IN MATHEMATICS PART A HONORS # - Tier IV

TSDS PEIMS CODE: 03102500 (First Time Taken) Grade

Levels: 9-12

Credit: 0.5

Prerequisite: Algebra II and Geometry

XM1 INDEPENDENT STUDY IN MATHEMATICS PART A # IV

TSDS PEIMS CODE: 03102500 (First Time Taken) Grade

Levels: 9-12

Credit: 0.5

Prerequisite: Algebra II and Geometry

MX2A.H INDEPENDENT STUDY IN MATHEMATICS PART A HONORS # IV

TSDS PEIMS Code: 03102501 (Second Time Taken)

Grade Levels: 9-12

Credit: 0.5

Recommended 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.

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

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.

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.**

MC1 COLLEGE PREPARATORY COURSE MATHEMATICS - Tier III

TSDS PEIMS CODE: CP111200

Grade Level 12

Credit: 1

Prerequisite(s): Algebra I, Geometry, Algebra II

This course is designed for students who have not yet demonstrated college readiness in mathematics on the ACT, SAT, or TSIA/TSIA2. This course counts as the fourth required mathematics credit on the Foundation High School Program Plus Endorsement. Students will be expected to attempt the TSIA2 exam in Mathematics at the end of the course, however, successful completion of the course through Texas College Bridge will allow your student to receive a Texas Success Initiative (TSI) exemption, which means college mathematics developmental education courses will not be required for a 24-month period after graduation

at any of the partnering institutions on the statewide MOU. A complete list of partnering institutions is available at: <https://texascollegebridge.org/higher-ed/>.

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 courtesy, 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. Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for teamwork 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.

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.

B1A 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: 10-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB2B PE SUBSTITUTION ATHLETICS 2-B BASEBALL-Tier III
 TSDS PEIMS CODE: PES00001
 Grade Levels: 10-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB3A PE SUBSTITUTION ATHLETICS 3-A BASEBALL - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 11-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB3B PE SUBSTITUTION ATHLETICS 3-B BASEBALL - Tier III
 TSDS PEIMS CODE: PES00002
 Grade Levels: 11-12
 Credit: 0.5
 Prerequisite: Coach Approval

PB4A PE SUBSTITUTION ATHLETICS 4-A BASEBALL-Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 12
 Credit: 0.5
 Prerequisite: Coach Approval

PB4B PE SUBSTITUTION ATHLETICS 4-B BASEBALL - Tier III
 TSDS PEIMS CODE: PES00003
 Grade Levels: 12
 Credit: 0.5
 Prerequisite: Coach Approval
 Fields baseball level at the varsity and junior varsity levels. Includes, spring competition, preseason conditioning, instruction, and post season training. Provides athletic periods for all teams.

P82A LIFETIME RECREATION AND OUTDOOR PURSUITS PART A Tier III
 TSDS PEIMS CODE: PES00053
 Grade Levels: 9-12
 Credit: .5

P82B LIFETIME RECREATION AND OUTDOOR PURSUITS PART B Tier III

TSDS PEIMS CODE: PES00053
Grade Levels: 9-12
Credit: .5

P83AJ LIFETIME RECREATION AND OUTDOOR PURSUITS PART A PRE Tier III

GRADE 09 (Miller High School)
TSDS PEIMS CODE: PES00053
Grade Levels: 9
Credit: .5

P83BJ LIFETIME RECREATION AND OUTDOOR PURSUITS PART B PRE GRADE 09 (Miller High School) Tier III

TSDS PEIMS CODE: PES00053
Grade Levels: 9
Credit: .5

The Lifetime Recreation and Outdoor Pursuits course (Part A during the fall, Part B during the spring semester) provides opportunities for students to develop competency in five or more lifelong recreational and outdoor pursuits for enjoyment and challenge. Students participate in activities that promote physical literacy, respect for and connection to nature and the environment, and opportunities that enhance self-worth and support community engagement. Activities may include backpacking, camping, hiking, navigation, water sports, paddle sports, boater education, water safety education, angler education, hunter education, archery, outdoor survival and safety, climbing, adventure activities, challenge course or team building, lawn games, skating, cycling, and disc sports.

P86A LIFETIME FITNESS AND WELLNESS PURSUITS PART A Tier III

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

P86B LIFETIME FITNESS AND WELLNESS PURSUITS PART B Tier III

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

P86ACR LIFETIME FITNESS AND WELLNESS PURSUITS PART A CORRESPONDENCE Tier III

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

P86BCR LIFETIME FITNESS AND WELLNESS PURSUITS PART B CORRESPONDENCE Tier III

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

P86AELC LIFETIME FITNESS AND WELLNESS PURSUITS PART A ELECTIVE/ONLINE Tier III

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

P86BELC LIFETIME FITNESS AND WELLNESS PURSUITS PART B ELECTIVE/ONLINE

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

P86A.ADP LIFETIME FITNESS AND WELLNESS PURSUITS PART A ADAPTED

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

P86B.ADP LIFETIME FITNESS AND WELLNESS PURSUITS PART B ADAPTED

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

P86AJ LIFETIME FITNESS AND WELLNESS PURSUITS PART A PRE GRADE 09 (Miller High School) Tier III

TSDS PEIMS CODE: PES00051
Grade Levels: 9
Credit: .5

P86BJ LIFETIME FITNESS AND WELLNESS PURSUITS PART B PRE GRADE 09 (Miller High School) Tier III

TSDS PEIMS CODE: PES00051
Grade Levels: 9
Credit: .5

P86A.WDC LIFETIME FITNESS AND WELLNESS PURSUITS PART A WITH DANCE Tier III

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

P86B.WDC LIFETIME FITNESS AND WELLNESS PURSUITS PART B WITH DANCE Tier III

TSDS PEIMS CODE: PES00051
Grade Levels: 9-12
Credit: .5

The Lifetime Fitness and Wellness Pursuits course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in this course will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness by participating in a variety of physical activities with an emphasis on dance. Topics include physiological and biomechanical principles to improve health-related fitness, safety practices associated with physical activity, application of fitness principles that encompass personal fitness programs and nutrition, self-management and social skills needed to work independently and with others, and practices that will

impact daily performance and health throughout the lifespan.

P87A SKILL BASED LIFETIME ACTIVITIES PART A Tier III
TSDS PEIMS CODE: PES00056
Grade Levels: 9-12
Credit: .5

P87B SKILL BASED LIFETIME ACTIVITIES PART B Tier III
TSDS PEIMS CODE: PES00056
Grade Levels: 9-12
Credit: .5

P87AJ SKILL BASED LIFETIME ACTIVITIES PART A PRE GRADE 09 (Miller High School) Tier III
TSDS PEIMS CODE: PES00056
Grade Levels: 9
Credit: .5

P87BJ SKILL BASED LIFETIME ACTIVITIES PART B PRE GRADE 09 (Miller High School) Tier III
TSDS PEIMS CODE: PES00056
Grade Levels: 9
Credit: .5

The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in basic sport skills, basic sport knowledge, and health and fitness principles. Students experience opportunities that promote physical literacy and lifetime wellness. Activities include at least one lifelong activity from each of the following five categories: target games, striking and fielding games, fitness activities, rhythmic activities, and innovative games/activities with international significance.

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

PF2A PE SUBSTITUTION ATHLETICS 2-A FOOTBALL - Tier III

TSDS PEIMS CODE: 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

TSDS PEIMS CODE: PES00002

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|-------------|--|-------------|--|
| | 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 | PN3B | PE SUBSTITUTION ATHLETICS 3-A TENNIS - 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 | PN4A | PE SUBSTITUTION ATHLETICS 4-A TENNIS - 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 | 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 golf teams for girls and boys. Provides a competitive program for experienced players. Provides athletic periods for all teams. | | 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. |
| PN1A | PE SUBSTITUTION ATHLETICS 1-A TENNIS – 3 Tier III TSDS PEIMS CODE: PES00000 Grade Levels: 9-12 Credit: 0.5 Prerequisite: Coach Approval | PT1A | PE SUBSTITUTION ATHLETICS 1-A TRACK – Tier III 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 | PT1B | PE SUBSTITUTION ATHLETICS 1-B TRACK - 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 | PT2A | PE SUBSTITUTION ATHLETICS 2-A TRACK - 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 | PT2B | PE SUBSTITUTION ATHLETICS 2-B TRACK - Tier III TSDS PEIMS CODE: PES00001 Grade Levels: 9-12 Credit: 0.5 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 | PT3A | PE SUBSTITUTION ATHLETICS 3-A TRACK - Tier III TSDS PEIMS CODE: PES00002 Grade Levels: 9-12 Credit: 0.5 Prerequisite: Coach Approval |

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

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

PT4B PE SUBSTITUTION ATHLETICS 4-B TRACK - Tier III
TSDS PEIMS CODE: 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
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 periods 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 periods 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

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| PS3B | PE SUBSTITUTION ATHLETICS 3-B SOCCER, BOYS -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 |
| PS4A | PE SUBSTITUTION ATHLETICS 4-A SOCCER, BOYS - Tier III TSDS PEIMS CODE: PES00003 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 |
| PS4B | PE SUBSTITUTION ATHLETICS 4-B SOCCER, BOYS - 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 |
| PS6A | PE SUBSTITUTION ATHLETICS 1-A SOCCER, GIRLS - Tier III TSDS PEIMS CODE: PES00000 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. |
| PS6B | PE SUBSTITUTION ATHLETICS 1-B SOCCER, GIRLS - Tier III TSDS PEIMS CODE: PES00000 Grade Levels: 9-12 Credit: 0.5 Prerequisite: Coach Approval | PB6A | PE SUBSTITUTION ATHLETICS 1-A SOFTBALL - 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 | PB6B | PE SUBSTITUTION ATHLETICS 1-B SOFTBALL – Tier III TSDS PEIMS CODE: PES00000 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 | PB7A | PE SUBSTITUTION ATHLETICS 2-A SOFTBALL - 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 | 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
TSDS PEIMS CODE: 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

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
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
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.

P71.X TEAM SPORTS OFFICIATING-Tier III
TSDS PEIMS CODE: N1160012
Grade Levels: 11 -12
Prerequisite: None

Introduction to the rules of the games and officiating mechanics based on approved University Interscholastic League (UIL) association specifications which will form a foundation for a lifetime advocacy in officiating. Experienced officials will assist in providing “real-world” experiences. Students will learn the rules and regulations of selected team sports, developing skills in the area of communication, decision making, and conflict management.

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

Program provides an opportunity for students in grades 9-12 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 state-required high school physical education graduation credit.

Waiver requests will be considered for the CCISD 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 Curriculum and Instruction 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>. Interested parents/students need to speak with their counselor to request an application for off-campus PE.

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 |
|--------------|-------------------------------|-----------------|--|---|----------------------------|
| Dance/Ballet | Munro Ballet | Christina Munro | 5610 Everhart Corpus Christi, TX 78411 | Dance@munroballetstudios.com (361)991-6151 | 2026 |
| Zumba | Zumama | Esmeralda McGee | CCEC 3126 Holly Rd. Corpus Christi, TX 78415 | ortizmegee@yahoo.com (361)500-5974 | 2026 |
| Gymnastics | | Mary Jane | 5102 Jean Corpus Christi, TX 78411 | maryjanesiebenthal@yahoo.com (361)438-4133 | 2026 |
| Gymnastics | Northwest Kids Sports Complex | Shane Sanders | 12212 Leopard St. Corpus Christi, TX 78410 | nwk@nwksports.com (361)241-0952 | 2026 |

PY1A PE Substitution Non-District Program Tier II

TSDS PEIMS CODE: PES00008

Grade Level: 9th

Credit: 0.5

PY1B PE Substitution Non-District Program Tier II

TSDS PEIMS CODE: PES00008

Grade Level: 9th

Credit: 0.5

PY2A PE Substitution Non-District Program Tier II

TSDS PEIMS CODE: PES00009

Grade Level: 10th

Credit: 0.5

PY2B PE Substitution Non-District Program Tier II

TSDS PEIMS CODE: PES00009

Grade Level: 10th

Credit: 0.5

PY3A PE Substitution Non-District Program Tier II

TSDS PEIMS CODE: PES00010

Grade Level: 11th

Credit: 0.5

PY3B PE Substitution Non-District Program Tier II

TSDS PEIMS CODE: PES00010

Grade Level: 11th

Credit: 0.5

PY4A PE Substitution Non-District Program Tier II

TSDS PEIMS CODE: PES00011

Grade Level: 12th

Credit: 0.5

PY4B PE Substitution Non-District Program Tier II

TSDS PEIMS CODE: PES00011

Grade Level: 12th

Credit: 0.5

D20.REW 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 II

TSDS PEIMS Code: 3270700 Grade

Level: 9-10

Credit: 1

Prerequisite: Committee Approval

Students in need of specially designed instruction will be provided varied instructional activities in the fundamental reading and writing skills through literature-based instruction. Emphasis and written communication, including the use of visual, auditory, kinesthetic, and tactile learning styles. Emphasis student application of a variety of study strategies to practical solutions.

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

Committee Approval: Students in need of specially designed instruction will be provided varied instructional activities in the fundamental reading and writing skills through literature-based instruction. Emphasis and written communication, including the use of visual, auditory, kinesthetic, and tactile learning styles. Emphasis student application of a variety of study strategies to practical solutions.

D24.SBI READING II SBI - Tier II

TSDS PEIMS Code: 03270800

Grade Level: 11

Credit: 1
Prerequisite: Committee Approval

D25.SBI READING III SBI - Tier II

TSDS PEIMS Code: 03270900
Grade Level: 12
Credit: 1
Prerequisite: Committee Approval

Committee Approval: Students in need of specially designed instruction will be provided with varied instructional activities in the fundamental reading and writing skills through literature-based instruction. Emphasis and written communication, including the use of visual, auditory, kinesthetic, and tactile learning styles. Emphasis student application of a variety of study strategies to practical solutions.

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.

S62 AP PHYSICS C: MECHANICS – TIER V

TSDS PEIMS Code: A3050006

Grade Levels: 11-12

Credit 1

Prerequisite: Calculus or concurrent registration

AP Physics C: Mechanics is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation.

S61 AP Physics C: Electricity and Magnetism TIER V

TSDS PEIMS Code: A3050005

Grade Levels: 11-12

Credit 1

Prerequisite: Calculus or concurrent registration

AP Physics C: Electricity and Magnetism is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation.

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

TSDS PEIMS CODE: 84800IS1

Grade Levels: 9-12

Credit: 0.5

INDEPENDENT STUDY IN SCIENCE (1st time taken) - Tier V (class of 2023-2025 Only)

TSDS PEIMS CODE: 84800IS1

Grade Levels: 9-12

Credit: 0.5

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

TSDS PEIMS CODE: 84800IS2

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Teacher Approval

XS2 INDEPENDENT STUDY IN SCIENCE (2nd time taken) - Tier V (class of 2023-2025 Only)

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.

S24 BIOLOGY - Tier III

TSDS PEIMS CODE: 03010200

Grade Levels: 9-12

Credit: 1

Prerequisite: Students must pass the 8th Grade STAAR in order to enroll in biology in 9th Grade.

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.H BIOLOGY HONORS - Tier IV

TSDS PEIMS CODE: A3010200

Grade Levels: 9-12

Credit: 1

Prerequisite: Students must pass Grade 8 Science STAAR before enrolling in this course.

Provides opportunities for capable and/or highly motivated students to deepen their knowledge of the biological sciences. 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 HONORS # - Tier IV
TSDS PEIMS CODE: 03040000
Grade Levels: 9-12
Credit: 1

Prerequisite: Algebra I and high school science course.

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: 03040000
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 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

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

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

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: 11
Credit: 0.5
HIST 1301 United States History I 3 hours
Prerequisite: None

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.

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 (year long)

TSDS PEIMS CODE: 03320100

Grade Levels: 9-12

Credit: 1

Prerequisite: None

T22INC WORLD GEOGRAPHY STUDIES INC Tier III (year long)

TSDS PEIMS CODE: 03320100

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

T22.LS WORLD GEOGRAPHY STUDIES LS Tier I (semester)

TSDS PEIMS CODE: 03320100

Grade Levels: 9-12

Credit: 1

Prerequisite: Committee Approval

T22.S WORLD GEOGRAPHY STUDIES Tier III (semester)

TSDS PEIMS CODE: 03320100

Grade Levels: 9-12

Credit: 1

Prerequisite: None

T22INCS WORLD GEOGRAPHY STUDIES Tier III (semester)

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 geographical 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 specially designed instruction. Alternative course offers instruction linking to grade level TEKS through prerequisite skills.

T73 HUMAN GEOGRAPHY AP # - Tier V

TSDS PEIMS CODE: A3360100

Grade Levels: 9-12

Credit: 1

Prerequisite: None

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

T98

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 PEIMSA3330100

Grade Levels: 11-12

Credit: 0.5

Prerequisite: None

Provides opportunities for the capable and/or highly motivated student to gain a deeper understanding of U.S. Government and politics. 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.

T38.H SPECIAL TOPICS IN SOCIAL STUDIES (FIRST TIME TAKEN) #- Tier IV

TSDS PEIMS Code: 03380002

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

T81 SPECIAL TOPICS IN SOCIAL STUDIES (FIRST TIME TAKEN) - DC# Tier V (class of 2023-2025 Only)

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.

T42.H SPECIAL TOPICS IN SOCIAL STUDIES (SECOND TIME TAKEN) # - Tier IV

TSDS PEIMS Code: 03380022

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

T82 SPECIAL TOPICS IN SOCIAL STUDIES (SECOND TIME TAKEN) - DC# Tier V (class of 2023-2025 Only)

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.

T43.H SPECIAL TOPICS IN SOCIAL STUDIES (THIRD TIME TAKEN) # - Tier IV

TSDS PEIMS Code: 03380032

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

T83 SPECIAL TOPICS IN SOCIAL STUDIES (THIRD TIME TAKEN) - DC# Tier V (class of 2023-2025 Only)

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 IV

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.

Personal Financial Literacy and Economics

TSDS PEIMS CODE: 03380083

Grade Levels: 11-12

Credit: 0.5

Prerequisite:

The Personal Financial Literacy and Economics Course emphasizes the economic way to thinking, which serves as a framework for personal financial making decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenged occur over their lifetime.

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 – Tier III

TSDS PEIMS CODE: 03380084

Grade Levels: 10-12

Credit: 1.0

Prerequisite: None

In Ethnic Studies: Mexican American Studies, an elective course, students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective. The course emphasizes events in the 20th and 21st centuries, but students will also engage with events prior to the 20th century.

TS1.H SOCIAL STUDIES ADVANCED STUDIES (FIRST TIME TAKEN) # - Tier IV

TSDS PEIMS CODE: 03380001

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

XT1 SOCIAL STUDIES ADVANCED STUDIES (FIRST TIME TAKEN) # - Tier V (class of 2023-2025 Only)

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.

TS2.H SOCIAL STUDIES ADVANCED STUDIES (SECOND TIME TAKEN) # - Tier IV

TSDS PEIMS CODE: 03380021

Grade Levels: 9-12

Credit: 0.5

Prerequisite: Principal Approval

XT2 SOCIAL STUDIES ADVANCED STUDIES (SECOND TIME TAKEN) # - Tier V (class of 2023-2025 Only)

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 I- Tier III

TSDS PEIMS CODE: 03240200

Grade Levels: 9-12

Credit: 1

Prerequisite: None

ORAL INTERPRETATION II- Tier III

TSDS PEIMS CODE: 03240200

Grade Levels: 9-12

Credit: 1

Prerequisite: None

ORAL INTERPRETATION III- Tier III

TSDS PEIMS CODE: 03240200

Grade Levels: 9-12

Credit: 1

Prerequisite: None

Students will select, research, analyze, adapt, interpret, and perform literary text as a communication art. Students focus on intellectual, emotional, sensory, and aesthetic levels of text to attempt to capture the entirety of the author's work.

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

Students analyze and apply specific formats for debate, processes of logic and critical thinking. Reading experiences, interpreting resolutions, developing affirmative and negative case construction, listening to and performing cross examination, evaluating arguments and presenting debates.

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

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 COURSES

These courses will not count toward state elective graduation credit.

AVID

9th-10th Freshman/ Sophomore, General Overview This is an academic elective course that prepares students for college readiness and success. Students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth.

E73 Advancement Via Individual Determination (AVID) 1

TSDS PEIMS CODE: N1290001

Grade Level: 9

Credit: 1

Prerequisites: Application and acceptance into the AVID program at designated AVID campuses.

Concurrent Enrollment in at least one Advance Academics (Honors, Pre-AP, AP, Dual Credit, On Ramps) class

This course 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.

E74 Advancement Via Individual Determination (AVID) 2

E74 ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID) 2 - Tier III

TSDS PEIMS CODE: N1290002

Grade Level: 10

Credit: 1

Prerequisites: Application and acceptance into the AVID program at designated AVID campuses.

Concurrent Enrollment in at least one Advance Academics (Honors, Pre-AP, AP, Dual Credit, On Ramps) class

This course refines the AVID strategies to meet students' independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing skills to include: analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will expand their vocabulary use, continuing to prepare for college entrance exams and other college expectations.

11th-12th grade Junior/ Senior AVID Seminar Courses General Overview: This academic elective course prepares students for college and career readiness and success. Students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, collaborative inquiry-based study groups, motivational activities, and academic success skills. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, preparation for college entrance and placement exams, college study skills, test-taking strategies, as well as notetaking and research.

E75 ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID) 3 - Tier III

TSDS PEIMS CODE: N1290030

Grade Level: 11

Credit: 1

Prerequisites: Application and acceptance into the AVID program at designated AVID campuses plus concurrent enrollment in at least one Advanced Academics (Honors, Pre-AP, AP, Dual Credit, OnRamps) class.

This course is the first part of a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies, and tasks that should be undertaken during the junior year to support students when they apply to four-year universities and confirm their postsecondary plans.

E76 ADVANCEMENT VIA INDIVIDUAL DETERMINATION(AVID) 4 - Tier III

TSDS PEIMS CODE: N1290033

Grade Level: 12

Credit: 1

Prerequisites: Application and acceptance into the AVID program at designated AVID campuses.

Concurrent Enrollment in at least one Advance Academics (Honors, Pre-AP, AP, Dual Credit, OnRamps) class.

The 12th-grade AVID Elective course is the second part of a junior/senior seminar course that focuses on the writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies, and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans.

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.

XA2 AP SEMINAR # - TIER V
TSDS PEIMS CODE: N1130026
Grade Levels: 10-11
Credit: 1

Prerequisite: None

AP Seminar is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, and academic research skills on topics of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include interdisciplinary or general elective courses.

XA1 AP RESEARCH # - TIER V

TSDS PEIMS CODE: N1100014

Grade Levels: 11-12

Credit: 1

Prerequisite: AP Seminar

AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking, academic research skills on the topics of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses.

X32 LEADWORTHY THE COURSE – TIER III

TSDS PEIMS CODE: N1290012 Grade

Levels: 9-12

Prerequisite: None

X30 PEER ASSISTANCE AND LEADERSHIP 1 – TIER III

TSDS PEIMS CODE: N1290005

Grade Levels: 11-12

Prerequisite: None

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

Prerequisite: None

Builds leadership skills, develops skills in conflict resolution, and provides numerous opportunities for public speaking.

XH6.LS MAKING CONNECTIONS 1 LS – TIER I

TSDS PEIMS CODE: N1290332

Grade Placement: 9

Credit: 0.5

Prerequisite: Committee Approval

XH6.LS MAKING CONNECTIONS 2 LS – TIER I

TSDS PEIMS CODE: N1290333

Grade Placement: 10

Credit: 0.5

Prerequisite: Committee Approval

XH6.LS MAKING CONNECTIONS 3 LS – TIER I

TSDS PEIMS CODE: N1290334

Grade Placement: 11

Credit: 0.5

Prerequisite: Committee Approval

XH6.LS MAKING CONNECTIONS 4 LS – TIER I

Grade Placement: 12

Credit: 0.5

Prerequisite: Committee Approval

The Making Connections course sequence assists students with developing and generalizing appropriate and beneficial social skills and in turn increases the student's postsecondary outcomes.

W.B. Ray High School Program International Baccalaureate World School—Middle Years Programme

The district program for students in grades 9-10 is located at W.B. Ray High School. This program serves students who have been identified and are participating in our Gifted and Talented Program as well as other highly motivated students who wish to be challenged by the IB Curriculum. The IB student population consists of students from every geographic section in this district. All students at Ray High School in grades 9th and 10th are enrolled in the MYP. The District's IB program allows the opportunity for students in 9th and 10th grade to apply to be concurrently enrolled with GT students during their MYP years using the [IB application](#).

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 program meets the needs of the gifted and talented student population in content, process and product with added rigor, complexity, and depth of study in all academic classes. 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

Language and Literature

EA3 MYP Y4 -ENGLISH I # - Tier IV

TSDS 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

TSDS PEIMS Code: 03220200

Grade Level: 10

1.0 credit

Prerequisite: English I or English I Pre-AP or MYP Y4 English I #

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 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.

Language Acquisition

FA1 MYP SPANISH B II # Tier IV

TSDS PEIMS Code: 03440200

Grade Levels: 9-10

1.0 credit

Prerequisite: Spanish I or MYP Spanish I

FA2 MYP SPANISH B III # Tier IV

TSDS 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

TSDS 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

TSDS 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
TSDS 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, 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 IV
TSDS 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.

Individuals and Societies

T37.MYP MYP Y4 UNITED STATES HISTORY AP # -Tier V
TSDS PEIMS CODE: A3340100
Grade Level: 09
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.

TA3 MYP Y5 INDIVIDUALS AND SOCIETIES- WORLD HISTORY AP # Tier V
TSDS 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.

Sciences

SA1 MYP SCIENCE-CHEMISTRY # Tier IV
TSDS 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
TSDS 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.

Mathematics

MA1 MYP GEOMETRY # Tier IV

TSDS PEIMS Code: 03100700

Grade Levels: 9-10

1.0 credit

Prerequisite: Algebra II MYP Mathematics Algebra II

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.

A2 MYP ALGEBRA II # Tier IV

TSDS PEIMS Code: 03100600

Grade Levels: 9-10

1.0 credit

Prerequisite: Algebra I or MYP Mathematics 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.

MA3 MYP PRE-CALCULUS # Tier IV

TSDS 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.

DIPLOMA PROGRAMME COURSE OFFERINGS

Group 1: Studies in Language & Literature

EB6A IB ENGLISH Literature 3 HL # Year 1 Tier V

TSDS 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 multicultural 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 # Year 2 Tier V

TSDS PEIMS Code: I3220800

Grade Level: 12

1.0 credit

Prerequisite IB Eng. Literature Year 1

This program will rigorously challenge students in multicultural 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.

Group 2: Language & Acquisition

FD5A IB LANGUAGE Ab Initio SL # Year 1 Tier V

TSDS 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

TSDS 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

TSDS 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 regard 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

TSDS 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 regard 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

TSDS 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 regard 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

TSDS 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 regard 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

TSDS 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 regard 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

TSDS 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 regard 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).

FD0A IB FRENCH B Year 1 HL # Tier V

TSDS 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 regard 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

TSDS 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 regard 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.

Group 3 Individuals and Societies

TB1A IB HISTORY OF THE AMERICAS Year 1 HL # Tier V

TSDS 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

TSDS 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.

Group 4 Experimental Sciences

SB5A IB BIOLOGY Year 1 SL # - Tier V

TSDS 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

TSDS 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

TSDS 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

TSDS 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

TSDS 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

TSDS 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

TSDS PEIMS Code: I3040003

Grade level: 11

1.0 credit

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

TSDS 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

TSDS 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

TSDS 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

TSDS 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

TSDS 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.

SC6.SL IB Environmental Systems and Societies Year 1 SL # - Tier V

TSDS PEIMS Code: I3020000

Grade Level: 11 or 12

2.0 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, 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.

Group 5: Mathematics

MA8A.SL IB MATHEMATICS: Analysis and Approaches Year 1 SL # Tier V

TSDS PEIMS Code: I3100500

Grade Levels: 11

1.0 credit

Prerequisite: Algebra II or Algebra II Honors or Precalculus or Honors

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

TSDS 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

TSDS PEIMS Code: I3100600

Grade Levels: 11

1.0 credit

Prerequisite: Precalculus or Honors

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

TSDS 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

TSDS PEIMS Code: I3100700

Grade Levels: 11

1.0 credit

Prerequisite: Algebra II or Algebra II Honors or Precalculus or Honors

Mathematics: Applications and Interpretations 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 Interpretations 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

Grade Levels: 12

1.0 credit

Prerequisite: IB MATHEMATICS: Applications and Interpretations Year 1 SL

Mathematics: Applications and Interpretations 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

TSDS PEIMS Code: I3100800

Grade Levels: 11

1.0 credit

Prerequisite: Precalculus or Honors

Mathematics: Applications and Interpretations 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 Interpretations 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

TSDS PEIMS Code: I3100800

Grade Levels: 12

1.0 credit

Prerequisite: IB MATHEMATICS: Applications and Interpretations Year 1 HL

Mathematics: Applications and Interpretations 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 Interpretations will be those who enjoy mathematics best when seen in a practical context.

Group 6 The Arts & Other Electives**OY1C IB MUSIC SL PART A # Tier V**

TSDS 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.

OY1D IB MUSIC SL PART B # Tier V

TSDS PEIMS Code: I3250200

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.

OY2C IB MUSIC HL PART A # Tier V

TSDS PEIMS Code: I3250300

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.

OY2D IB MUSIC HL PART B # Tier V

TSDS PEIMS Code: I3250300

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.

UB1 DANCE LEVEL III, IB DANCE 1 # Tier V

TSDS 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

TSDS 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.

UB3C IB THEATRE SL PART A # Tier V

TSDS 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.

UB3D IB THEATRE SL PART B # Tier V

TSDS 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.

UB4C IB THEATRE HL PART A # Tier V

TSDS PEIMS Code: I3750300

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.

UB4D IB THEATRE HL PART B # 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.

AB4C Art, IB Visual Arts HL PART A # Tier V

TSDS PEIMS Code: I3600100

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.

AB4D Art, IB Visual Arts HL PART B # Tier V

TSDS PEIMS Code: I3600100

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.

AB5C ART, IB VISUAL ARTS SL PART A # 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.

AB5D ART, IB VISUAL ARTS SL PART B # 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.

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.**

IB DP Core Requirements

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.

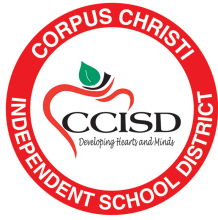
X47 COMPUTER SCIENCE PRINCIPALS AP # - Tier V

TSDS PEIMS Code: A3580300

Grade Level: 9-12

1 credit

AP Computer Science Principles is an introductory college -level course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computer systems-including the internet-work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical



CCISD CTE Programs of Study



Agriculture, Food, and Natural Resources



Architecture and Construction



Arts, Audio/Video Technology, and



Business, Marketing, and Finance



Education and Training



Health Science



Hospitality and Tourism



Human Services



Information Technology



Law and Public Service



Manufacturing



STEM



Transportation, Distribution, and Logistics

Arts, Audio Visual Technology, and Communication Career Cluster

The Arts, Audio Visual Technology, and Communication (AAVTC) career cluster focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content requiring creative aptitude, fluency in computer and technology applications, and proficiency in oral and written communication. This career cluster includes occupations ranging from camera operator, audio and video technician, director, and producer to graphic designer and web and digital interface designer.

Statewide Program of Study: Digital Communications

The Digital Communications program of study focuses on occupational 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. The program of study includes operating machines and equipment such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment to record sound and images.

Offered at: Carroll, King, Miller & Ray High Schools



Secondary Courses for High School Credit

- Level 1** • Principles of Arts, Audio/Video Technology, and Communications
- Level 2** • Audio/Video Production I
- Level 3** • Audio/Video Production II
- Level 4** • Practicum in Audio/Video Production
• Career Preparation for Programs of Study
• Career Preparation for Programs of Study + Extended Career Preparation

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| AP or IB | IB Film SL IB Film HL |
| Dual Credit | Dual credit offerings will vary by local education agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Shadow a sound designer to learn how sound and foley are created for movies or podcasts • Intern with a technical director at a sports team, recording studio, or radio station • Shadow a technician on a live news broadcast, concert, or other event |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Participate in SkillsUSA or TSA • Participate in Student Television Network • Capture and edit film and audio for a podcast with a local community organization |

Aligned Industry-Based Certifications

- Adobe Certified Professional in Digital Video Using Adobe Premiere Pro
- Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign
- Adobe Certified Professional in Visual Design Using Adobe Photoshop



Example Postsecondary Opportunities

Apprenticeships

- Light Technician

Associate Degrees

- Commercial and Advertising Art
- Animation, Interactive Technology, Video Graphics, and Special Effects

Bachelor's Degrees

- Cinematography and Film/Video Production
- Recording Arts Technology

Master's, Doctoral, and Professional Degrees

- Animation, Interactive Technology, Video Graphics, and Special Effects
- Communications Technology

Additional Stackable IBCs/License

- CompTIA Digital Media and Entertainment Professional Certification (DMEP)



Example Aligned Occupations

Camera Operators, Television, Video, and Film

Median Wage: \$48,422
Annual Openings: 155
10-Year Growth: 20%

Audio and Video Technicians

Median Wage: \$46,319
Annual Openings: 626
10-Year Growth: 30%

Producers and Directors

Median Wage: \$65,029
Annual Openings: 522
10-Year Growth: 12%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.










For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>

Arts, Audio Visual Technology, and Communication Career Cluster

Statewide Program of Study: Digital Communications

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|---|---|
| Level 1 | Principles of Arts, Audio/Video Technology, and Communications* 13008200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |
| | Audio/Video Production I 13008500 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of AAVTC Recommended Corequisites: Audio/Video Production I Lab |  |
| Level 3 | Audio/Video Production II 13008600 (1 credit) | Prerequisites: Audio/Video Production I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: Audio/Video Production II Lab |  |
| | Practicum in Audio/Video Production First Time Taken: 13008700 (2 credits) Second Time Taken: 13008710 (2 credits) | Prerequisites: Audio/Video Production II and Audio/Video Production II Lab Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |   |
| Level 4 | Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |
| | Career Preparation for Programs of Study + Extended Career Preparation* First Time Taken: 12701141 (3 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |

* Indicates course is included in more than one program of study.

For additional information on the **Arts, Audio Visual Technology and Communication** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Arts, Audio Visual Technology, and Communication Career Cluster

The Arts, Audio Visual Technology, and Communication (AAVTC) career cluster focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content requiring creative aptitude, fluency in computer and technology applications, and proficiency in oral and written communication. This career cluster includes occupations ranging from camera operator, audio and video technician, director, and producer to graphic designer and web and digital interface designer.

Statewide Program of Study: *Graphic Design and Interactive Media*

The Graphic Design and Interactive Media program of study focuses on occupational and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. The program of study includes 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.

Offered at King High School



Secondary Courses for High School Credit



| | |
|----------------|--|
| Level 1 | <ul style="list-style-type: none"> Principles of Arts, Audio/Video Technology, and Communications –OR– Digital Media –OR– Graphic Design and Illustration I |
| Level 2 | <ul style="list-style-type: none"> Fashion Design I |
| Level 3 | <ul style="list-style-type: none"> Fashion Design II + Fashion Design II Lab |
| Level 4 | <ul style="list-style-type: none"> Practicum in Fashion Design –OR– Career Preparation for Programs of Study |

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| AP or IB | AP Studio Art: Two-Dimensional Design Portfolio |
| Dual Credit | Dual credit offerings will vary by local education agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Shadow an art director at a branding firm or design agency Intern in the marketing and communications department of a technology company |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in SkillsUSA or TSA Participate in Student Television Network Join a related co-curricular or extracurricular club such as web development or computer coding |

Aligned Industry-Based Certifications

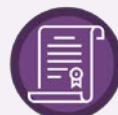
- Adobe Certified Professional in Visual Design Using Adobe Photoshop



Example Postsecondary Opportunities

Associate Degrees

- Graphic Design
- Digital Arts



Bachelor's Degrees

- Web Page, Digital/Multimedia and Information Resources Design
- Design and Visual Communications

Master's, Doctoral, and Professional Degrees

- Game and Interactive Media Design
- Animation, Interactive Technology, Video Graphics, and Special Effects

Additional Stackable IBCs/License

- Certified Textile Designer (CTD)



Example Aligned Occupations

Software Developers

Median Wage: \$111,705
Annual Openings: 15,324
10-Year Growth: 36%

Graphic Designers

Median Wage: \$50,973
Annual Openings: 1,766
10-Year Growth: 10%

Art Directors

Median Wage: \$81,926
Annual Openings: 619
10-Year Growth: 18%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024








For more information visit: [113
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)

Arts, Audio Visual Technology, and Communication Career Cluster


Statewide Program of Study: *Graphic Design and Interactive Media*

Course Information


Level 1

| Course | Prerequisites Corequisites | Career Clusters |
|---|--|---|
| Principles of Arts, Audio + Video Technology, and Communications* 13008200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |
| Digital Media 13027800 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |    |
| Graphic Design and Illustration I* 13008800 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of AAVTC Recommended Corequisites: Graphic Design and Illustration I Lab |  |
















Level 2

| Course | Prerequisites Corequisites | Career Clusters |
|--|--|--|
| Graphic Design and Illustration I* 13008800 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of AAVTC Recommended Corequisites: Graphic Design and Illustration I Lab |  |

Level 3

| Course | Prerequisites Corequisites | Career Clusters |
|--|--|---|
| Fashion Design II + Fashion Design II Lab 13009410 (2 credits) | Prerequisites: Fashion Design I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |

Level 4

| Course | Prerequisites Corequisites | Career Clusters |
|---|---|--|
| Practicum in Fashion Design First Time Taken: 13009500 (2 credits) Second Time Taken: 13009510 (2 credits) | Prerequisites: Fashion Design II and Fashion Design II Lab Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |
| Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |               |

* Indicates course is included in more than one program of study.

For additional information on the **Arts, Audio Visual Technology, and Communication** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Arts, Audio Visual Technology, and Communication Career Cluster



The Arts, Audio Visual Technology, and Communication (AAVTC) career cluster focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content requiring creative aptitude, fluency in computer and technology applications, and proficiency in oral and written communication. This career cluster includes occupations ranging from camera operator, audio and video technician, director, and producer to graphic designer and web and digital interface designer.

Statewide Program of Study: *Graphic Design and Interactive Media*

The Graphic Design and Interactive Media program of study focuses on occupational and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. The program of study includes 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.

Offered at Moody & Veterans Memorial High Schools



Secondary Courses for High School Credit

| | |
|---------|--|
| Level 1 | <ul style="list-style-type: none"> Digital Media |
| Level 2 | <ul style="list-style-type: none"> Graphic Design and Illustration I |
| Level 3 | <ul style="list-style-type: none"> Graphic Design and Illustration II |
| Level 4 | <ul style="list-style-type: none"> Practicum in Graphic Design and Illustration Career Preparation for Programs of Study Career Preparation for Programs of Study + Extended Career Preparation |

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| AP or IB | AP Studio Art: Two-Dimensional Design Portfolio |
| Dual Credit | Dual credit offerings will vary by local education agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Shadow an art director at a branding firm or design agency Intern in the marketing and communications department of a technology company |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in SkillsUSA or TSA Participate in Student Television Network Join a related co-curricular or extracurricular club such as web development or computer coding |

Aligned Industry-Based Certifications

- Adobe Certified Professional in Digital Video Using Adobe Premiere Pro
- Adobe Certified Professional in Graphic Design and Illustration Using Adobe Illustrator
- Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign
- Adobe Certified Professional in Visual Design Using Adobe Photoshop
- Adobe Certified Professional in Visual Effects and Motion Graphics Using Adobe After Effects



Example Postsecondary Opportunities

Associate Degrees

- Graphic Design
- Digital Arts



Bachelor's Degrees

- Web Page, Digital/Multimedia and Information Resources Design
- Design and Visual Communications

Master's, Doctoral, and Professional Degrees

- Game and Interactive Media Design
- Animation, Interactive Technology, Video Graphics, and Special Effects

Additional Stackable IBCs/License

- Certified Textile Designer (CTD)



Example Aligned Occupations

Software Developers

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Art Directors

Median Wage: \$81,926
Annual Openings: 619
10-Year Growth: 18%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024



For more information visit: [115
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)



Arts, Audio Visual Technology, and Communication Career Cluster

Statewide Program of Study: *Graphic Design and Interactive Media*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|---|-----------------|
| Level 1 | Digital Media 13027800 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | Graphic Design and Illustration I* 13008800 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of AAVTC Recommended Corequisites: Graphic Design and Illustration I Lab | |
| Level 3 | Graphic Design and Illustration II 13008900 (1 credit) | Prerequisites: Graphic Design and Illustration I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: Graphic Design and Illustration II Lab | |
| | Practicum in Graphic Design and Illustration First Time Taken: 13009000 (2 credits) Second Time Taken: 13009010 (2 credits) | Prerequisites: Graphic Design and Illustration II and Graphic Design and Illustration II Lab Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 4 | Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | Career Preparation for Programs of Study + Extended Career Preparation* First Time Taken: 12701141 (3 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Arts, Audio Visual Technology, and Communication** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Arts, Audio Visual Technology, and Communication Career Cluster

The Arts, Audio Visual Technology, and Communication (AAVTC) career cluster focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content requiring creative aptitude, fluency in computer and technology applications, and proficiency in oral and written communication. This career cluster includes occupations ranging from camera operator, audio and video technician, director, and producer to graphic designer and web and digital interface designer.

Regional Program of Study: Printing and Imaging

Approved in ESC Regions 2, 4, 5, 7, 9, 10, 11, 13, 18 and 20

*The list of approved ESC regions is updated every school year. Be sure to check the CTE regional program of study website for updates.

The Printing and Imaging regional program of study focuses on occupational and educational opportunities associated with designing packaging, displays, or logos to meet specific commercial or promotional needs. This program of study includes the foundations of business management, customer service, graphic design, graphic production, and large-format printing.

Offered at King High School



Secondary Courses for High School Credit

- Level 1** • Principles of Arts, Audio/Video Technology, and Communications
- Level 2** • Printing and Imaging Technology I
- Level 3** • Printing and Imaging Technology II + Printing and Imaging Technology II Lab
- Level 4** • Practicum in Printing and Imaging Technology

Aligned Advanced Academic Courses

Dual Credit Dual credit offerings will vary by local education agency.

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities

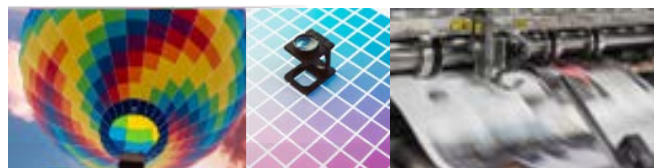
- Shadow employees at a multimedia studio and rotate through departments to learn how digital and print media is produced across mediums
- Participate in an internship at a publishing company and work on a project to bring a book series to print

Expanded Learning Opportunities

- Participate in SkillsUSA or TSA
- Tour a printing company

Aligned Industry-Based Certifications

- Adobe Certified Professional in Digital Video Using Adobe Premiere Pro
- Adobe Certified Professional in Graphic Design and Illustration Using Adobe Illustrator
- Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign
- Adobe Certified Professional in Visual Design Using Adobe Photoshop
- Adobe Certified Professional in Visual Effects and Motion Graphics Using Adobe After Effects



Example Postsecondary Opportunities

Associate Degrees

- Graphic Design
- Commercial and Advertising Art

Bachelor's Degrees

- Web Page, Digital/Multimedia and Information Resources Design
- Animation, Interactive Technology, Video Graphics, and Special Effects

Master's, Doctoral, and Professional Degrees

- Digital Arts
- Game and Interactive Media Design

Additional Stackable IBCs/License

- Xerox iGen4 Press Operator Certification



Example Aligned Occupations

Multimedia Artists and Animators

Median Wage: \$65,036
Annual Openings: 337
10-Year Growth: 20%

Art Directors

Median Wage: \$81,926
Annual Openings: 619
10-Year Growth: 18%





Arts, Audio Visual Technology, and Communication Career Cluster

Regional Program of Study: *Printing and Imaging*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|---|-----------------|
| Level 1 | Principles of Arts, Audio/Video Technology, and Communications* 13008200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Printing and Imaging Technology I 13009600 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: Printing and Imaging Technology I Lab | |
| Level 3 | Printing and Imaging Technology II + Printing and Imaging Technology II Lab 13009710 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Printing and Imaging Technology I and Printing and Imaging Technology I Lab Recommended Corequisites: None | |
| Level 4 | Practicum in Printing and Imaging Technology First Time Taken: 13009800 (2 credits) Second Time Taken: 13009810 (2 credits) | Prerequisites: Printing and Imaging Technology II and Printing and Imaging Technology II Lab Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Arts, Audio Visual Technology, and Communication** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Architecture and Construction Career Cluster

The Architecture and Construction career cluster focuses on designing, planning, managing, building, and maintaining the built environment. This career cluster includes occupations ranging from architect, carpenter, and construction manager to electrician, plumber, and heating, air conditioning, and refrigeration technician.

Statewide Program of Study: Carpentry

The Carpentry program of study focuses on occupational and educational opportunities related to constructing, installing, and repairing structures and fixtures made of wood (including frameworks, partitions, joists, studding, rafters, and stairways). The program of study includes installing, dismantling, or moving machinery and heavy equipment according to layout plans, blueprints, or other drawings.

Offered at Ray High School



Secondary Courses for High School Credit

| | |
|---------|--|
| Level 1 | <ul style="list-style-type: none"> Principles of Construction |
| Level 2 | <ul style="list-style-type: none"> Construction Technology I |
| Level 3 | <ul style="list-style-type: none"> Construction Technology II |
| Level 4 | <ul style="list-style-type: none"> Practicum in Construction Technology I A CE# Practicum in Construction Technology I B CE# * Career Preparation for Programs of Study |

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| Dual Credit | Dual credit offerings will vary by local education agency. |
|--------------------|--|

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Intern with a carpenter to practice skills such as measuring materials and assembling structures Participate in a pre-apprenticeship that includes activities like installing cabinets, drywall, and siding |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Shadow a construction manager to learn more about how construction teams work together to complete projects Participate in SkillsUSA |

Aligned Industry-Based Certifications

- NCCER Core

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Carpenter

Associate Degrees

- Construction Management
- Construction Engineering Technology
- Building Construction Technology

Bachelor's Degrees

- Construction Engineering
- Construction Science
- Construction Site Management

Master's, Doctoral, and Professional Degrees

- Construction Engineering Technology
- Construction Engineering
- Construction Management
- Project Management



Example Aligned Occupations

Drywall and Ceiling Tile Installers

Median Wage: \$44,699
Annual Openings: 758
10-Year Growth: 14%

Carpenters

Median Wage: \$46,272
Annual Openings: 5,325
10-Year Growth: 15%

Construction Managers

Median Wage: \$95,072
Annual Openings: 6,325
10-Year Growth: 24%





Architecture and Construction Career Cluster

Statewide Program of Study: Carpentry

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|--|-----------------|
| Level 1 | Principles of Construction* 13004220 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | Construction Technology I 13005100 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Construction or Principles of Architecture Recommended Corequisites: None | |
| Level 3 | Construction Technology II 13005200 (2 credits) | Prerequisites: Construction Technology I Corequisites: None Recommended Prerequisites: Principles of Construction or Principles of Architecture Recommended Corequisites: None | |
| | Practicum in Construction Technology* First Time Taken: 13005250 (2 credits) Second Time Taken: 13005260 (2 credits) | 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 Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 4 | Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits) | or higher Career and Technical Education course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Architecture and Construction** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Architecture and Construction Career Cluster

The Architecture and Construction career cluster focuses on designing, planning, managing, building, and maintaining the built environment. This career cluster includes occupations ranging from architect, carpenter, and construction manager to electrician, plumber, and heating, air conditioning, and refrigeration technician.

Statewide Program of Study: *Construction Management and Inspection*

The Construction Management and Inspection program of study focuses on occupational and educational opportunities associated with producing cost estimates for construction projects to support bidding on or determining the price of products or services. The program of study includes inspecting structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations.

Offered at Carroll High School



Secondary Courses for High School Credit

- | | |
|----------------|--|
| Level 1 | • Principles of Construction |
| Level 2 | • Building Maintenance Technology I |
| Level 3 | • Building Maintenance Technology II * |
| Level 4 | • Practicum in Construction Management |

Aligned Advanced Academic Courses

- | | |
|--------------------|--|
| Dual Credit | Dual credit offerings will vary by local education agency. |
|--------------------|--|

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

- | | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Shadow a construction manager to learn how to lead a team and develop a budget Participate in a pre-apprenticeship to clean and prepare construction sites by digging trenches and setting up scaffolding |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Shadow a building inspector or cost estimator Participate in SkillsUSA |

Aligned Industry-Based Certifications

- NCCER Core

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Building Inspector

Associate Degrees

- Construction Management
- Construction Engineering Technology
- Building/Property Maintenance
- Building/Construction Site Management

Bachelor's Degrees

- Construction Engineering Technology
- Construction Management
- Building/Property Maintenance

Master's, Doctoral, and Professional Degrees

- Construction Engineering Technology
- Construction Engineering
- Construction Management
- Project Management



Example Aligned Occupations

Construction and Building Inspectors

Median Wage: \$62,251
Annual Openings: 1,585
10-Year Growth: 9%

First-Line Supervisors of Construction Trades and Extraction Workers

Median Wage: \$64,473
Annual Openings: 9,513
10-Year Growth: 23%

Construction Managers

Median Wage: \$95,072
Annual Openings: 6,325
10-Year Growth: 24%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit: [121
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)



Architecture and Construction Career Cluster

Statewide Program of Study: Construction Management and Inspection

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|--|-----------------|
| Level 1 | Principles of Construction* 13004220 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Building Maintenance Technology I* 13005400 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Architecture or Principles of Construction Recommended Corequisites: None | |
| Level 3 | Building Maintenance Technology II 13005500 (2 credits) | Prerequisites: Building Maintenance Technology I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 4 | Practicum in Construction Management First Time Taken: 13006200 (2 credits) Second Time Taken: 13006210 (2 credits) | Prerequisites: Construction Management II Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Architecture and Construction** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Architecture and Construction Career Cluster

The Architecture and Construction career cluster focuses on designing, planning, managing, building, and maintaining the built environment. This career cluster includes occupations ranging from architect, carpenter, and construction manager to electrician, plumber and heating, air conditioning and refrigeration technician.

Statewide Program of Study: *Electrical*

The Electrical program of study focuses on occupational and educational opportunities associated with installing, maintaining, and repairing electrical wiring, equipment, and fixtures. The program of study also addresses installing and repairing telecommunications cable including fiber optics.



Secondary Courses for High School Credit

- Level 1 • Principles of Construction
- Level 2 • Electrical Technology I *
- Level 3 • Electrical Technology II *
- Level 4 • Practicum in Entrepreneurship

Aligned Advanced Academic Courses

Dual Credit Dual credit offerings will vary by local education agency.

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Participate in an internship with an electrical company to develop installation skills • Join a pre-apprenticeship program that involves determining if electrical wiring is up to code • Interview an electrician about their training and education |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Participate in SkillsUSA • Participate in trade competitions |

Aligned Industry-Based Certifications

- NCCER Core
- NCCER Electrical Level II

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Electrician

Associate Degrees

- Electrical and Power Transmission Installation
- Electrical Power and Controls
- Electromechanical Technology

Bachelor's Degrees

- Construction Engineering
- Electrical, Electronic, and Communications
- Engineering Electrical Engineering

Master's, Doctoral, and Professional Degrees

- Construction Engineering
- Construction Management

Additional Stackable IBCs/License

- Journeyman Electrician
- Master Electrician



Example Aligned Occupations

Electricians Helpers

Median Wage: \$38,140
Annual Openings: 1,632
10-Year Growth: 20%

Electricians

Median Wage: \$54,769
Annual Openings: 9,221
10-Year Growth: 27%

Construction Managers

Median Wage: \$95,072
Annual Openings: 6,325
10-Year Growth: 24%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024



For more information visit:
<https://tea.texas.gov/academics/career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Architecture and Construction Career Cluster

Statewide Program of Study: *Electrical*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|---|-----------------|
| Level 1 | Principles of Construction* 13004220 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Electrical Technology I 13005600 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Architecture or Principles of Construction Recommended Corequisites: None | |
| Level 3 | Electrical Technology II 13005700 (2 credits) | Prerequisites: Electrical Technology I Corequisites: None Recommended Prerequisites: Principles of Architecture or Principles of Construction Recommended Corequisites: None | |
| Level 4 | Practicum in Entrepreneurship* First Time Taken: 13011111 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Entrepreneurship I and Entrepreneurship II or successful completion of at least two courses in a CTE program of study Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Architecture and Construction** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Agriculture, Food, and Natural Resources Career Cluster

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 occupations ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.

Statewide Program of Study: Animal Science

The Animal Science program of study focuses on occupational and educational opportunities associated with the science, research, and business of animals and other living organisms. This program of study includes applying 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 will research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.

Offered at Carroll High School



Secondary Courses for High School Credit

- | | |
|----------------|--|
| Level 1 | <ul style="list-style-type: none"> Principles of Agriculture, Food, and Natural Resources |
| Level 2 | <ul style="list-style-type: none"> Small Animal Management Equine Science |
| Level 3 | <ul style="list-style-type: none"> Livestock Production |
| Level 4 | <ul style="list-style-type: none"> Advanced Animal Science |

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| AP or IB | <ul style="list-style-type: none"> AP Biology IB Biology SL IB Biology HL |
| Dual Credit | Dual credit offerings will vary by local education agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Shadow an animal scientist in a biology lab to learn about applying science to understand animals and wildlife Intern in a veterinary clinic, caring for animals and wildlife being treated in the clinic |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in an FFA career, leadership, and speaking contest like an agriscience fair Attend an agricultural industry seminar |

Aligned Industry-Based Certifications

- Elanco Fundamentals of Animal Science Certification
- Equine Management and Evaluation Certification



Example Postsecondary Opportunities

Apprenticeships

- Reproduction Technician

Associate Degrees

- Biological and Physical Sciences
- Entomology

Bachelor's Degrees

- Animal Science
- Zoology/Animal Biology

Master's, Doctoral, and Professional Degrees

- Marine Sciences
- Biotechnology

Additional Stackable IBCs/License

- Veterinarian
- Certified Veterinary Technician



Example Aligned Occupations

Veterinary Assistants and Laboratory Animal Caretakers

Median Wage: \$29,906
Annual Openings: 1,348
10-Year Growth: 24%

Veterinary Technologists and Technicians

Median Wage: \$33,679
Annual Openings: 1,217
10-Year Growth: 24%

Veterinarian

Median Wage: \$103,160
Annual Openings: 347
10-Year Growth: 26%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024



For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Agriculture, Food, and Natural Resources Career Cluster

Statewide Program of Study: Animal Science

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|---|-----------------|
| Level 1 | Principles of Agriculture, Food, and Natural Resources* 13000200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Small Animal Management 13000400 (0.5 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | Equine Science 13000500 (0.5 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 3 | Livestock Production 13000300 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 4 | Advanced Animal Science 13000700 (1 credit) | Prerequisites: Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production Corequisites: None Recommended Prerequisites: Veterinary Medical Applications Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Agriculture, Food, and Natural Resources** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Agriculture, Food, and Natural Resources Career Cluster

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 occupations ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.

Statewide Program of Study: *Plant Science*

The Plant Science program of study focuses on occupational and educational opportunities associated with the science, research, and business of plants and other living organisms. This program of study includes the application of biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field.

Offered at Ray High School



Secondary Courses for High School Credit

Level 1 • Principles of Agriculture, Food, and Natural Resources

Level 2 • Landscape Design and Management
• Turf Grass Management

Level 3 • Floral Design

Level 4 • Advanced Floral Design

Aligned Advanced Academic Courses

| | | |
|--------------------|--|--|
| AP or IB | AP Biology AP Environmental Science IB Biology SL IB Biology HL | AP Chemistry IB Chemistry SL IB Chemistry HL |
| Dual Credit | Dual credit offerings will vary by local education agency. | |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Work in a part-time job at a landscaping company to learn about production and management of plants. Intern at an agricultural research company, working alongside a biological technician to learn about application of biology to plant production |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in an FFA career, leadership, and speaking contest like an agriscience fair Participate in an industry-related competition like an agriscience fair |

Aligned Industry-Based Certifications

- BASF Plant Science Certification
- Principles of Floral Design Certification



Example Postsecondary Opportunities

Apprenticeships

- Horticulturist

Associate Degrees

- Biology/Biological Sciences
- Biological and Physical Sciences

Bachelor's Degrees

- Horticulture
- Plant Pathology/Phytopathology

Master's, Doctoral, and Professional Degrees

- Plant Breeding
- Botany/Plant Biology

Additional Stackable IBCs/License

- Nursery Floral License
- Horticulturist Certification



Example Aligned Occupations

Pesticide Handlers, Sprayers, and Applicators, Vegetation

Median Wage: \$46,153

Annual Openings: 205

10-Year Growth: 17%

Biological Technicians

Median Wage: \$45,787

Annual Openings: 879

10-Year Growth: 14%

Farmers, Ranchers, and Other Agricultural Managers

Median Wage: \$65,490

Annual Openings: 28,020

10-Year Growth: 4%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit: [127
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)



Agriculture, Food, and Natural Resources Career Cluster

Statewide Program of Study: *Plant Science*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|---|-----------------|
| Level 1 | Principles of Agriculture, Food, and Natural Resources* 13000200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Landscape Design and Management 13001900 (0.5 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | Turf Grass Management 13001950 (0.5 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 3 | Floral Design 13001800 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 4 | Advanced Floral Design N1300270 (1 credit) | Prerequisites: Floral Design Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Agriculture, Food, and Natural Resources** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Business, Marketing, and Finance Career Cluster

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. This career cluster includes occupations ranging from business owner and entrepreneur, to accountant, retail manager, and market analyst.

Statewide Program of Study: *Entrepreneurship*

The Entrepreneurship program of study focuses on occupational and educational opportunities associated with planning, launching, directing, and coordinating public or private sector ventures. This program of study includes formulating policies, launching businesses or organizations, managing daily operations, analyzing management structures, and planning for the use of materials and human resources.

Offered at Branch, Carroll, Coles, Collegiate, King, Miller, & Veterans Memorial High Schools



Secondary Courses for High School Credit

- Level 1**
 - Business Information Management I

- Level 2**
 - Entrepreneurship I *

- Level 3**
 - Entrepreneurship II

- Level 4**
 - Practicum in Entrepreneurship
 - Career Preparation for Programs of Study
 - Career Preparation for Programs of Study + Extended Career Preparation

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| AP or IB | AP Statistics IB Mathematics: Analysis and Approaches |
| Dual Credit | Dual credit offerings will vary by local education agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Intern at a local start-up or a business incubator • Participate in the development and launch of a school-based enterprise |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Job shadow an entrepreneur • Participate in BPA, DECA, FBLA, or related UIL events |

Aligned Industry-Based Certifications

- Entrepreneurship and Small Business
- * Indicates the course in which industry-based certification is administered

Successful completion of the Entrepreneurship program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees

- Operations Management and Supervision
- Organizational Leadership



Bachelor's Degrees

- Business Administration and Management
- Public Administration

Master's, Doctoral, and Professional Degrees

- Business Administration
- Public Administration

Additional Stackable IBCs/License

- Salesforce
- Service Contract Providers



Example Aligned Occupations

General and Operations Managers

Median Wage: \$83,220
Annual Openings: 25,450
10-Year Growth: 23%

Management Analysts

Median Wage: \$93,983
Annual Openings: 6,030
10-Year Growth: 25%

Chief Executives

Median Wage: \$163,567
Annual Openings: 648
10-Year Growth: 3%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:
<https://tea.texas.gov/academics/career-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Business, Marketing, and Finance Career Cluster

Statewide Program of Study: *Entrepreneurship*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|--|-----------------|
| Level 1 | Business Information Management I* 13011400 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Touch System Data Entry Recommended Corequisites: None | |
| Level 2 | Entrepreneurship I* 13011101 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Business, Marketing and Finance Recommended Corequisites: None | |
| Level 3 | Entrepreneurship II 13011102 (1 credit) | Prerequisites: Entrepreneurship I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 4 | Practicum in Entrepreneurship* First Time Taken: 13011111 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Entrepreneurship I and II or successful completion of at least two courses in a CTE program of study Recommended Corequisites: None | |
| | Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | Career Preparation for Programs of Study + Extended Career Preparation* First Time Taken: 12701141 (3 credits) | Prerequisites: : At least one Level 2 or higher CTE course Corequisites: Career Preparation for Programs of Study Recommended Prerequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Business, Marketing, and Finance** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Business, Marketing, and Finance Career Cluster

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. This career cluster includes occupations ranging from business owner and entrepreneur to accountant, retail manager, and market analyst.

Statewide Program of Study: *Marketing and Sales*

The Marketing and Sales program of study focuses on occupational and educational opportunities associated with collecting information to estimate potential sales of a product or service and create campaigns to market or distribute goods and services. It includes applying data related to customer demographics, preferences, needs, and buying habits.

Offered at Ray High School



Secondary Courses for High School Credit

| | |
|----------------|---|
| Level 1 | <ul style="list-style-type: none"> Digital Media |
| Level 2 | <ul style="list-style-type: none"> Sports and Entertainment Marketing (.5 Credit) & Virtual Business (.5 Credit) Entrepreneurship I (Must take for IBC) * |
| Level 3 | <ul style="list-style-type: none"> Sports and Entertainment Marketing II (.5 Credit) & Advertising (.5 Credit) |
| Level 4 | <ul style="list-style-type: none"> Practicum in Entrepreneurship Career Preparation for Programs of Study Career Preparation for Programs of Study + Extended Career Preparation |

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| AP or IB | AP Statistics |
| Dual Credit | Dual credit offerings will vary by local education agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Intern at a marketing and advertising company Job shadow a pharmaceutical sales representative Intern at a local retail company |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Job shadow an account representative at a marketing firm Participate in BPA, DECA, FBLA, or related UIL events |

Aligned Industry-Based Certifications

- Entrepreneurship and Small Business
- * Indicates the course in which industry-based certification is administered

Successful completion of the Marketing and Sales program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees

- Marketing/Marketing Management
- Retail Management



Bachelor's Degrees

- Business Administration
- Marketing/Marketing Management
- Fashion Merchandising

Master's, Doctoral, and Professional Degrees

- Business Administration
- Applied Economics
- Business Analytics

Additional Stackable IBCs/License

- Salesforce
- Service Contract Providers



Example Aligned Occupations

Retail Salespersons

Median Wage: \$28,356
Annual Openings: 56,132
10-Year Growth: 15%

Market Research Analysts

Median Wage: \$60,926
Annual Openings: 5,688
10-Year Growth: 35%

Sales Managers

Median Wage: \$123,729
Annual Openings: 3,368
10-Year Growth: 21%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:
<https://tea.texas.gov/academics/career-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Business, Marketing, and Finance Career Cluster

Statewide Program of Study: *Marketing and Sales*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|--|-----------------|
| Level 1 | Digital Media 13027800 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Sports and Entertainment Marketing 13034600 (0.5 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Business, Marketing and Finance Recommended Corequisites: None | |
| | Virtual Business* 13012000 (0.5 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Touch System Data Entry Recommended Corequisites: None | |
| | Entrepreneurship I* 13011101 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Business, Marketing and Finance Recommended Corequisites: None | |
| Level 3 | Sports and Entertainment Marketing II N1303422 (0.5 credit) | Corequisites: None Recommended Prerequisites: Principles of Business, Marketing, and Finance Recommended Corequisites: None | |
| | Advertising* 13034200 (0.5 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Business, Marketing, and Finance Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Business, Marketing, and Finance** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Business, Marketing, and Finance Career Cluster

Statewide Program of Study: *Marketing and Sales*

Course Information

Level 4

| Course | Prerequisites Corequisites | Career Clusters |
|---|--|-----------------|
| Practicum in Entrepreneurship* First Time Taken: 13011111 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Entrepreneurship I and Entrepreneurship II or successful completion of at least two courses in a CTE program of study Recommended Corequisites: None | |
| Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Career Preparation for Programs of Study + Extended Career Preparation* First Time Taken: 12701141 (3 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Business, Marketing, and Finance** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



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Engineering Career Cluster

The Engineering career cluster focuses on planning, designing, testing, building, and maintaining of machines, structures, materials, systems, and processes using empirical evidence and science, technology, and math principles. This career cluster includes occupations ranging from mechanical engineer and drafter to electrical engineer and to mapping technician.

Regional Program of Study: Drone (Unmanned Vehicle)

Approved in ESC Regions 2, 4, 5, 6, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, and 20

*The list of approved ESC regions is updated every school year. Be sure to check the CTE regional program of study website for updates.

The Drone (Unmanned Vehicle) regional program of study focuses on the occupational and educational opportunities associated with operating or designing an unmanned aircraft using a ground-based controller. This program of study includes understanding and designing systems of communications between the controller and the aircraft to ensure compliance with federal aviation safety regulations.

Offered at Miller & Moody High Schools



Secondary Courses for High School Credit

- | | |
|---------|--|
| Level 2 | <ul style="list-style-type: none"> Robotics I |
| Level 3 | <ul style="list-style-type: none"> Robotics II * |
| Level 4 | <ul style="list-style-type: none"> Practicum in Manufacturing Scientific Research and Design |

Aligned Advanced Academic Courses

Dual Credit Dual credit offerings will vary by local education agency.

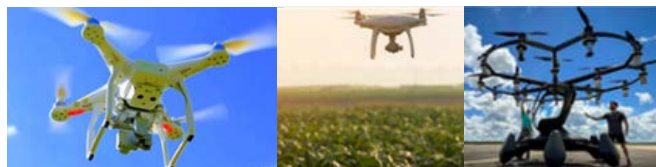
Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

- | | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Intern with a public service, engineering, construction, or transportation firm Practice drone operations with an industry professional at a work site |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in an aerial drone competition Participate in SkillsUSA or TSA |

Aligned Industry-Based Certifications

- FAA Part 107 Remote Drone Pilot
- * Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Associate Degrees

- Airline/Commercial/Professional Pilot and Flight Crew
- Manufacturing Engineering Technology/Technician



Bachelor's Degrees

- Aviation Science
- Aeronautical/Aerospace Engineering Technology

Master's, Doctoral, and Professional Degrees

- Aerospace, Aeronautical, and Astronautical/Space Engineering, General

Additional Stackable IBCs/License

- Aerial Mapping and 3D Modeling Certification



Example Aligned Occupations

Aerospace Engineering and Operations Technicians

Median Wage: \$48,204
Annual Openings: 192
10-Year Growth: 21%

Avionics Technicians

Median Wage: \$72,461
Annual Openings: 255
10-Year Growth: 16%

Drone (Unmanned Vehicle)





Engineering Career Cluster



Regional Program of Study: Drone (Unmanned Vehicle)

Course Information









Level 2

| Course | Prerequisites Corequisites | Career Clusters |
|---|--|---|
| Robotics I* 13037000 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisite: Principles of Applied Engineering Recommended Corequisites: None |   |

Level 3

| Course | Prerequisites Corequisites | Career Clusters |
|--|---|---|
| Robotics II* 13037050 (1 credit) | Prerequisites: Robotics I Corequisites: None Recommended Prerequisite: None Recommended Corequisites: None |   |

Level 4

| Course | Prerequisites Corequisites | Career Clusters |
|--|---|---|
| Practicum in Manufacturing First Time Taken: 13033000 (2 credits) Second Time Taken: 13033010 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisite: None Recommended Corequisites: None |   |
| Scientific Research and Design* 13037200 (1 credit) | Prerequisites: Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics Corequisites: None Recommended Prerequisite: None Recommended Corequisites: None |       |

* Indicates course is included in more than one program of study.

For additional information on the **Engineering** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Engineering Career Cluster

The Engineering career cluster focuses on planning, designing, testing, building, and maintaining of machines, structures, materials, systems, and processes using empirical evidence and science, technology, and math principles. This career cluster includes occupations ranging from mechanical engineer and drafter to electrical engineer and to mapping technician.

Statewide Program of Study: Engineering Foundations

The Engineering Foundations program of study focuses on occupational and educational opportunities associated with a wide range of skills applied in the Engineering industry. Students will design, test, and evaluate projects related to engines, machines, and structures. This program of study includes applying scientific, mathematical, and empirical evidence to solve problems through innovation, design, construction, operation, and maintenance of different engineering systems.

Offered at Moody High School



Secondary Courses for High School Credit

| | |
|---------|--|
| Level 1 | <ul style="list-style-type: none"> Introduction to Engineering Design (PLTW) 9th Grade |
| Level 2 | <ul style="list-style-type: none"> Robotics I (elective) |
| Level 3 | <ul style="list-style-type: none"> Robotics II (elective) Engineering Science 10th Grade Computer Integrated Manufacturing (PLTW) 11th Grade Engineering Design and Development (PLTW) 12th Grade |

Aligned Advanced Academic Courses

| | | | |
|-----------------|---|---|--|
| AP or IB | <ul style="list-style-type: none"> AP Calculus AB AP Computer Science A | <ul style="list-style-type: none"> AP Physics 1 AP Physics 2 AP Statistics | <ul style="list-style-type: none"> IB Physics SL IB Physics HL IB Computer Science SL IB Computer Science HL |
|-----------------|---|---|--|

Dual Credit Dual credit offerings will vary by local education agency.

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Intern at an engineering, robotics, or aerospace company. Visit an engineering firm and shadow multiple types of engineers. |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in SkillsUSA or TSA Join a local engineering association and attend meetings. |

Aligned Industry-Based Certifications

- Autodesk Associate Fusion 360
- Autodesk Associate Revit

Example Postsecondary Opportunities

Apprenticeships

- Industrial Engineering Technician Apprenticeship

Associate Degrees

- Manufacturing Engineering Technology/Technician
- Robotics Technology/Technician

Bachelor's Degrees

- Electrical and Electronics Engineering
- Engineering, General

Master's, Doctoral, and Professional Degrees

- Electrical and Electronics Engineering
- Engineering, General

Additional Stackable IBCs/Licensures

- Professional Engineer (PE License)
- Engineer in Training Certification (EIT)



Example Aligned Occupations

Civil Engineering Technologists and Technicians

Median Wage: \$61,138
Annual Openings: 765
10-Year Growth: 11%

Aerospace Engineers

Median Wage: \$115,694
Annual Openings: 483
10-Year Growth: 18%

Mechanical Engineers

Median Wage: \$99,937
Annual Openings: 1,755
10-Year Growth: 19%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

[https://tea.texas.gov/academics/college-career-and-military-](https://tea.texas.gov/academics/college-career-and-military-additional-resources)

[additional-resources](#)

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Engineering Career Cluster

Statewide Program of Study: Engineering Foundations

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|---|-----------------|
| Level 1 | Introduction to Engineering Design (PLTW)* N1303742 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Robotics I* 13037000 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Applied Engineering Recommended Corequisites: None | |
| Level 3 | Engineering Science* 13037500 (1 credit) | Prerequisites: Algebra I, one credit in Biology, and at least one credit in a course from the STEM career cluster Corequisites: None Recommended Prerequisites: Geometry, Integrated Physics and Chemistry (IPC), one credit in chemistry, or one credit in physics Recommended Corequisites: None | |
| | Computer Integrated Manufacturing (PLTW)* N1303748 (1 credit) | Prerequisites: None Corequisites: College Prep Math and Science Recommended Prerequisites: Introduction to Engineering Design Recommended Corequisites: None | |
| | Engineering Design and Development (PLTW)* N1303749 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: At least two courses in engineering with at least one being a Level 2 or higher course Recommended Corequisites: None | |
| | 13037050 (1 credit) | Prerequisites: Robotics I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | | | |

* Indicates course is included in more than one program of study.

For additional information on the **Engineering** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Education and Training Career Cluster

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. This career cluster includes a diverse spectrum of occupations, ranging from teaching assistant, classroom teacher, to school administrator.

Statewide Program of Study: Teaching and Training

The Teaching and Training program of study focuses on occupational and educational opportunities associated with careers related to teaching, instructing, and creating instructional and enrichment materials. The program of study includes recognizing a variety of student groups and their corresponding needs, identifying processes for developing curriculum and coordinating educational content, and coaching groups and individuals.

Offered at Branch, Carroll, Colligate, King, Miller, Moody, Ray & Veterans Memorial High Schools



Secondary Courses for High School Credit

- Level 1** • Principles of Education and Training

- Level 2** • Child Development

- Level 3** • Communication and Technology in Education

- Level 4** • Instructional Practices *

Aligned Advanced Academic Courses

Dual Credit Dual credit offerings will vary by local educational agency.

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

- | | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Serve as a camp counselor to learn mentoring, facilitation, and lesson planning skills • Volunteer in a tutoring center to learn lesson planning and skills assessment |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Participate in FCCLA • Participate in TAFE |

Aligned Industry-Based Certifications

- Educational Aide I (age requirement 18)

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Teacher Apprentice

Associate Degrees

- Adult and Continuing Education and Teaching
- Educational/Instructional Technology

Bachelor's Degrees

- Elementary Education and Teaching
- Secondary Education and Teaching

Master's, Doctoral, and Professional Degrees

- Educational Leadership and Administration, General
- Curriculum and Instruction

Additional Stackable IBCs/License

- Generalist, Grades EC-4



Example Aligned Occupations

Teaching Assistants, Except Postsecondary

Median Wage: \$28,066
Annual Openings: 10,000
10-Year Growth: 15%

Secondary School Teachers, Except Special Education and CTE

Median Wage: \$61,035
Annual Openings: 8,288
10-Year Growth: 14%

Education Administrators, Kindergarten through Secondary

Median Wage: \$81,976
Annual Openings: 2,676
10-Year Growth: 14%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Education and Training Career Cluster

Statewide Program of Study: Teaching and Training

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|--|-----------------|
| Level 1 | Principles of Education and Training* 13014200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Child Development* 13024700 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Human Services or Principles of Education and Training Recommended Corequisites: None | |
| Level 3 | Communication and Technology in Education N1300510 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Education and Training Recommended Corequisites: None | |
| Level 4 | Instructional Practices 13014400 (2 credits) | Prerequisites: One credit from Education and Training career cluster Recommended Prerequisites: Principles of Education and Training, Human Growth and Development, or Child Development Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Education and Training** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Health Science Career Cluster



The Health Science career cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Statewide Program of Study: **Nursing Science**

The Nursing Science program of study focuses on occupational and educational opportunities associated with patient care. This program of study includes the practice of caring for patients, performing routine procedures such as monitoring vital signs, developing, and implementing care plans, maintaining medical records, and managing disease or pain.

Offered at Moody High School



Secondary Courses for High School Credit

- Level 1**
 - Principles of Nursing Science

- Level 2**
 - Medical Terminology

- Level 3**
 - Anatomy and Physiology
 - Science of Nursing Part A CE# *
 - Leadership and Management in Nursing Part A CE#
 - Science of Nursing Part B CE# *
 - Leadership and Management in Nursing Part B CE#

- Level 4**
 - Practicum in Nursing A CE# *
 - Practicum in Nursing B CE# *

Aligned Advanced Academic Courses

| | | |
|--------------------|--|---------------------------------|
| AP or IB | AP Biology IB Biology SL IB Biology HL | AP Chemistry IB Chemistry SL |
| Dual Credit | Dual credit offerings will vary by local education agency. | |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Intern with a medical assistant at a community clinic, hospital, or assisted living facility • Conduct informational interviews with nurses in different departments and healthcare settings |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Volunteer at community clinics, hospitals, assisted living and long-term care facilities • Participate in HOSA or SkillsUSA |

Aligned Industry-Based Certifications

- Certified Clinical Medical Assistant
- Patient Care Technician
- Electrocardiography (EKG) Technician
- Phlebotomy Technician

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Registered Nurse Resident

Associate Degrees

- Medical Assisting
- Vocational Nursing

Bachelor's Degrees

- Registered Nursing
- Nursing Administration

Master's, Doctoral, and Professional Degrees

- Nursing Administration
- Nursing Science

Additional Stackable IBCs/License

- Certified Emergency Nurse



Example Aligned Occupations

Nursing Assistants

Median Wage: \$30,856
Annual Openings: 10,936
10-Year Growth: 15%

Licensed Practical and Licensed Vocational Nurses

Median Wage: \$50,913
Annual Openings: 6,865
10-Year Growth: 17%

Registered Nurses

Median Wage: \$79,831
Annual Openings: 16,207
10-Year Growth: 17%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.









For more information visit: [140
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)



Health Science Career Cluster

Statewide Program of Study: *Nursing Science*

Course Information

| Level 1 | Course | Prerequisites Corequisites | Career Clusters |
|-------------------------------|--|--|---|
| | Principles of Nursing Science N1302109 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |
| Level 2 | Course | Prerequisites Corequisites | Career Clusters |
| | Medical Terminology* 13020300 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |
| Level 3 | Course | Prerequisites Corequisites | Career Clusters |
| | Leadership and Management in Nursing 13021225 (1 credit) | Prerequisites: One credit in Biology, one credit in Chemistry, and at least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: Science of Nursing Recommended Corequisites: None |  |
| | Science of Nursing N1302129 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Nursing Science or Principles of Health Science Recommended Corequisites: None |  |
| | Anatomy and Physiology* 13020600 (1 credit) | Prerequisites: One credit in Biology and one credit in Chemistry, Integrated Physics and Chemistry, or Physics Corequisites: None Recommended Prerequisites: A course from the Health Science career cluster Recommended Corequisites: None |   |
| <i>Continued on next page</i> | | | |

* Indicates course is included in more than one program of study.

For additional information on the **Health Science** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>




Health Science Career Cluster

Statewide Program of Study: *Nursing Science*

Course Information

Level 4

| Course | Prerequisites Corequisites | Career Clusters |
|---|--|---|
| Practicum in Nursing 13021230 (2 credits) | Prerequisites: One credit in Biology, one credit in Chemistry, and at least one Level 2 or higher course in the Nursing Science program of study Corequisites: None Recommended Prerequisites: Science of Nursing, Medical Terminology, and Anatomy and Physiology Recommended Corequisites: None |  |

* Indicates course is included in more than one program of study.

For additional information on the **Health Science** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Hospitality and Tourism Career Cluster

The Hospitality and Tourism career cluster focuses on the management, marketing, and operations of restaurants, lodging, attractions, recreation events, and travel-related services. This career cluster includes occupations ranging from reservation and transportation ticket agent to event planner and general manager.

Statewide Program of Study: Culinary Arts

The Culinary Arts program of study focuses on occupational and educational opportunities associated with the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study includes opportunities involved in directing and participating in the preparation of food.

Offered at Moody & Ray High Schools



Secondary Courses for High School Credit

- | | |
|----------------|--|
| Level 1 | <ul style="list-style-type: none"> Principles of Hospitality and Tourism |
| Level 2 | <ul style="list-style-type: none"> Introduction to Culinary Arts |
| Level 3 | <ul style="list-style-type: none"> Culinary Arts I * |
| Level 4 | <ul style="list-style-type: none"> Food Science Practicum in Culinary Arts |

Aligned Advanced Academic Courses

| | |
|--------------------|---|
| AP or IB | <ul style="list-style-type: none"> AP Chemistry IB Chemistry SL |
| Dual Credit | Dual credit offerings will vary by local educational agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Shadow a director of a non-profit that produces and delivers food for communities in need Intern at a catering company and learn about food production for large-scale events Work part-time in a restaurant as a line cook or chef |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in FCCLA Participate in SkillsUSA Participate in American Culinary Association or the Texas Restaurant Association |

Aligned Industry-Based Certifications

- Culinary Meat Selection and Cookery Certification
- ServSafe Manager

* Indicates the course in which industry-based certification is administered

Example Postsecondary Opportunities

Associate Degrees

- Culinary Arts
- Baking and Pastry Arts

Bachelor's Degrees

- Hotel/Motel Administration/Management
- Culinary Science

Master's, Doctoral, and Professional Degrees

- Organizational Leadership
- Foodservice Systems Administration/Management

Additional Stackable IBCs/License

- Food Manager License



Example Aligned Occupations

Bakers

Median Wage: \$29,466
Annual Openings: 2,942
10-Year Growth: 26%

Chefs and Head Cooks

Median Wage: \$44,761
Annual Openings: 950
10-Year Growth: 37%

General and Operations Managers

Median Wage: \$83,220
Annual Openings: 25,450
10-Year Growth: 23%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Hospitality and Tourism Career Cluster

Statewide Program of Study: Culinary Arts

Course Information

| | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|--|-----------------|
| Level 1 | Principles of Hospitality and Tourism* 13022200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | Introduction to Culinary Arts* 13022550 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Hospitality and Tourism Recommended Corequisites: None | |
| Level 2 | Introduction to Culinary Arts* 13022550 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Hospitality and Tourism Recommended Corequisites: None | |
| Level 3 | Culinary Arts 13022600 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Hospitality and Tourism and Introduction to Culinary Arts Recommended Corequisites: None | |
| Level 4 | Food Science 13023000 (1 credit) | Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Hospitality and Tourism career cluster Corequisites: None Recommended Prerequisites: Principles of Hospitality and Tourism Recommended Corequisites: None | |
| | Practicum in Culinary Arts First Time Taken: 13022700 (2 credits) Second Time Taken: 13022710 (2 credits) | Prerequisites: Culinary Arts Corequisites: None Recommended Prerequisites: None | |

For additional information on the **Hospitality and Tourism** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Hospitality and Tourism Career Cluster

The Hospitality and Tourism career cluster focuses on the management, marketing, and operations of restaurants, lodging, attractions, recreation events, and travel-related services. This career cluster includes occupations ranging from reservation and transportation ticket agent to event planner and general manager.

Statewide Program of Study: Culinary Arts

The Culinary Arts program of study focuses on occupational and educational opportunities associated with the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study includes opportunities involved in directing and participating in the preparation of food.

Offered at Carroll, King, Miller, & Veterans Memorial High School



Example Postsecondary Opportunities

Associate Degrees

- Culinary Arts
- Baking and Pastry Arts

Bachelor's Degrees

- Hotel/Motel Administration/Management
- Culinary Science

Master's, Doctoral, and Professional Degrees

- Organizational Leadership
- Foodservice Systems Administration/Management

Additional Stackable IBCs/License

- Food Manager License



Secondary Courses for High School Credit

- | | |
|----------------|--|
| Level 1 | • Introduction to Culinary Arts |
| Level 2 | • Culinary Arts * -OR- • Entrepreneurship I & • Foundations of Restaurant Management * |
| Level 3 | • Introduction to Event and Meeting Planning |
| Level 4 | • Food Science –OR- • Practicum in Entrepreneurship |

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| AP or IB | AP Chemistry IB Chemistry SL |
| Dual Credit | Dual credit offerings will vary by local educational agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Shadow a director of a non-profit that produces and delivers food for communities in need • Intern at a catering company and learn about food production for large-scale events • Work part-time in a restaurant as a line cook or chef |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Participate in FCCLA • Participate in SkillsUSA • Participate in American Culinary Association or the Texas Restaurant Association |

Aligned Industry-Based Certifications

- Culinary Meat Selection and Cookery Certification
- ServSafe Manager

* Indicates the course in which industry-based certification is administered

Example Aligned Occupations



Median Wage: \$29,466
Annual Openings: 2,942
10-Year Growth: 26%

Chefs and Head Cooks

Median Wage: \$44,761
Annual Openings: 950
10-Year Growth: 37%

General and Operations Managers

Median Wage: \$83,220
Annual Openings: 25,450
10-Year Growth: 23%




















Hospitality and Tourism Career Cluster

Statewide Program of Study: Culinary Arts

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters | |
|---|---|---|---|---|
| Level 1 | Introduction to Culinary Arts* 13022550 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Hospitality and Tourism Recommended Corequisites: None |   | |
| | Level 2 | Culinary Arts 13022600 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Hospitality and Tourism and Introduction to Culinary Arts Recommended Corequisites: None |  |
| | | Entrepreneurship I* 13011101 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Business, Marketing and Finance Recommended Corequisites: None |           |
| Foundations of Restaurant Management* N1302268 (1 credit) | | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Hospitality and Tourism Recommended Corequisites: None |  | |
| Level 3 | Introduction to Event and Meeting Planning* N1302269 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  | |

* Indicates course is included in more than one program of study.

For additional information on the **Hospitality and Tourism** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Hospitality and Tourism Career Cluster

Statewide Program of Study: Culinary Arts

Course Information

Level 4

| Course | Prerequisites Corequisites | Career Clusters |
|---|---|-----------------|
| Food Science 13023000 (1 credit) | <p>Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Hospitality and Tourism career cluster</p> <p>Corequisites: None</p> <p>Recommended Prerequisites: Principles of Hospitality and Tourism</p> <p>Recommended Corequisites: None</p> | |
| Practicum in Entrepreneurship* 13011111 (2 credits) | <p>Prerequisites: None</p> <p>Corequisites: None</p> <p>Recommended Prerequisites: Entrepreneurship I and Entrepreneurship II or at least two courses in a CTE program of study</p> <p>Recommended Corequisites: None</p> | |

* Indicates course is included in more than one program of study.

For additional information on the **Hospitality and Tourism** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Hospitality and Tourism Career Cluster

The Hospitality and Tourism career cluster focuses on the management, marketing, and operations of restaurants, lodging, attractions, recreation events, and travel-related services. This career cluster includes occupations ranging from reservation and transportation ticket agent to event planner and general manager.

Statewide Program of Study: Travel, Tourism, and Attractions

The Travel, Tourism, and Attractions program of study focuses on occupational and educational opportunities associated with the marketing and sales of travel and tourism services. This program of study includes planning, directing, and coordinating marketing or business policies and programs. Students will identify potential customers and determine demand and promotional strategies for products and services.

Offered at Coles High School



Secondary Courses for High School Credit

- Level 1**
 - Principles of Hospitality and Tourism

- Level 2**
 - Travel and Tourism Management
 - Sports and Entertainment Marketing
 - Entrepreneurship I *

- Level 3**
 - Global Business

Aligned Advanced Academic Courses

Dual Credit Dual credit offerings will vary by local education agency.

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

- | | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Intern at a local tourism and visitors bureau to learn about managing and marketing attractions and resources • Work part-time as a tour guide at a local attraction |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Volunteer at a local community event (fair or rodeo) • Tour an attraction, theme park, or event center • Participate in FCCLA |

Aligned Industry-Based Certifications

- Entrepreneurship and Small Business

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Associate Degrees

- Tourism and Travel Services Management
- E-Commerce/Electronic Commerce

Bachelor's Degrees

- Marketing/Marketing Management
- Business/Managerial Economics

Master's, Doctoral, and Professional Degrees

- Marketing/Marketing Management
- Tourism and Travel Services Management

Additional Stackable IBCs/License

- Tourism Management



Example Aligned Occupations

Reservation and Transportation Ticket Agents and Travel Clerks

Median Wage: \$48,000
Annual Openings: 2,031
10-Year Growth: 17%

Travel Agents

Median Wage: \$39,991
Annual Openings: 473
10-Year Growth: 22%

Market Research Analysts and Marketing Specialists

Median Wage: \$60,926
Annual Openings: 5,688
10-Year Growth: 35%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit: <https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Hospitality and Tourism Career Cluster

Statewide Program of Study: Travel, Tourism, and Attractions

Course Information

Level 1

| Course | Prerequisites Corequisites | Career Clusters |
|--|--|-----------------|
| Principles of Hospitality and Tourism* 13022200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

Level 2

| Course | Prerequisites Corequisites | Career Clusters |
|--|--|-----------------|
| Travel and Tourism Management* 13022500 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Hospitality and Tourism Recommended Corequisites: None | |
| Sports and Entertainment Marketing 13034600 (0.5 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Business, Marketing, and Finance Recommended Corequisites: None | |
| Entrepreneurship I* 13011101 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Business, Marketing, and Finance Recommended Corequisites: None | |

Level 3

| Course | Prerequisites Corequisites | Career Clusters |
|---|--|-----------------|
| Global Business 13011800 (0.5 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Hospitality and Tourism** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Information Technology Career Cluster

The Information Technology (IT) career cluster focuses on the design, development, support, and management of hardware, software, multimedia, and systems integration services. This career cluster includes occupations ranging from Software Developer and Programmer to Cybersecurity Specialists and Network Analysts.

Statewide Program of Study: Cybersecurity

The Cybersecurity program of study focuses on occupational and educational opportunities associated with planning, implementing, upgrading, or monitoring security measures for the protection of computer networks and information. This program of study includes responding to computer security breaches and viruses and administering network security measures.

Offered at all CCISD High Schools



Secondary Courses for High School Credit

- Level 1**
 - Principles of Information Technology *
- Level 4**
 - Independent Study in Evolving/Emerging Technologies
 - Practicum in Information Technology

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| AP or IB | AP Computer Science Principles AP Computer Science A |
| Dual Credit | Dual credit offerings will vary by local education agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

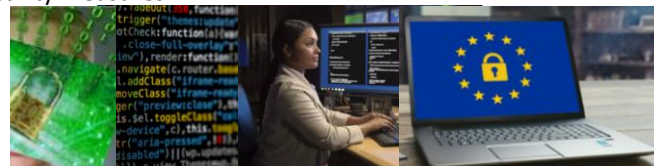
| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Intern at a local bank, hospital, or government office to develop skills in implementing security measures Interview with an information security analyst to learn how they plan for, monitor, and upgrade security measures at their organization |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in a Hackathon Participate in TSA or SkillsUSA |

Aligned Industry-Based Certifications

- CompTIA A+ Certification *
- CompTIA Network+
- CompTIA IT Fundamentals+
- CompTIA Security+

* Indicates the course in which industry-based certification is administered

Successful completion of the Cybersecurity program of study will fulfill requirements of the Business and Industry endorsement or the STEM endorsement if the math and science requirements are met.



Examples Postsecondary Opportunities

Associate Degrees

- Computer and Information Systems Security
- Computer Programming

Bachelor's Degrees

- Computer Science
- Computer Software Engineering

Master's, Doctoral, and Professional Degrees

- Computer and Information Systems Security/Auditing/Information Assurance
- Computer Software Engineering

Additional Stackable IBCs/License

- Certified Ethical Hacker (CEH)



Example Aligned Occupations

Computer User Support Specialists

Median Wage: \$51,411
Annual Openings: 5,757
10-Year Growth: 21%

Software Developers

Median Wage: \$111,705
Annual Openings: 15,324
10-Year Growth: 36%

Information Security Analysts

Median Wage: \$110,268
Annual Openings: 1,719
10-Year Growth: 49%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Information Technology Career Cluster

Statewide Program of Study: Cybersecurity

Course Information

Level 1

| Course | Prerequisites Corequisites | Career Clusters |
|---|--|-----------------|
| Principles of Information Technology* 13027200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

Level 4

| Course | Prerequisites Corequisites | Career Clusters |
|--|---|-----------------|
| Practicum in Information Technology* First Time Taken: 13028000 (2 credits) Second Time Taken: 13028010 (2 credits) | Prerequisites: A minimum of two high school information technology (IT) courses Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Independent Study in Technology Applications* First Time Taken: 03580900 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: A minimum of one credit from the courses in the Information Technology career cluster Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Information Technology** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Law and Public Service Career Cluster

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. This career cluster includes occupations ranging from police officer and firefighter to political scientist and lawyer.

Statewide Program of Study: Law Enforcement

The Law Enforcement program of study focuses on occupational and educational opportunities associated with the development and enforcement of laws by various branches of law enforcement. This program of study includes 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.

Offered at Carroll, King, Miller, & Moody High Schools



Secondary Courses for High School Credit

| | |
|---------|--|
| Level 2 | • Law Enforcement I |
| Level 3 | • Forensic Science |
| Level 4 | • Practicum in Law, Public Safety, Corrections, and Security |

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| Dual Credit | Dual credit offerings will vary by local education agency. |
|--------------------|--|

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Shadow a detective to learn about investigations and the role of detectives in law enforcement Intern in dispatch at a local law enforcement agency to learn about first responder roles and processes |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Visit a police department Participate in TSA or SkillsUSA |

Aligned Industry-Based Certifications

- IAED Emergency Telecommunicator



Example Postsecondary Opportunities

- Apprenticeships**
 - Security Specialist
- Associate Degrees**
 - Criminal Justice
 - Law Enforcement



- Bachelor's Degrees**
 - Forensic Science
 - Criminal Justice

- Master's, Doctoral, and Professional Degrees**
 - Criminal Justice
 - Criminology and Criminal Justice

- Additional Stackable IBCs/Licensures**
 - Jailer – Basic County Corrections
 - Basic Telecommunicator



Example Aligned Occupations

Police and Sheriff's Patrol Officers

Median Wage: \$64,373
Annual Openings: 5,424
10-Year Growth: 13%

Detectives and Criminal Investigators

Median Wage: \$82,090
Annual Openings: 1,536
10-Year Growth: 8%

First-Line Supervisors of Police and Detectives

Median Wage: \$97,571
Annual Openings: 5,461
10-Year Growth: 12%





Law and Public Service Career Cluster

Statewide Program of Study: Law Enforcement

Course Information

Level 2

| Course | Prerequisites Corequisites | Career Clusters |
|---|---|-----------------|
| Law Enforcement I 13029300 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security Recommended Corequisites: None | |

Level 3

| Course | Prerequisites Corequisites | Career Clusters |
|---|--|-----------------|
| Forensic Science* 13029500 (1 credit) | Prerequisites: One credit in Biology, one credit in Chemistry, Integrated Chemistry and Physics (IPC), or Physics Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

Level 4

| Course | Prerequisites Corequisites | Career Clusters |
|--|--|-----------------|
| Practicum in Law, Public Safety, Corrections, and Security* 13030100 (2 credits) Second Time Taken: 13030110 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the Law and Public Service career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Transportation, Distribution, and Logistics Career Cluster

The Transportation, Distribution, and Logistics career cluster focuses on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes transportation infrastructure planning and management, logistics services, and mobile equipment and facility maintenance. This career cluster includes occupations ranging from automotive mechanic, avionics technician, and automotive entrepreneur to pilots and logistics planning professionals.

Statewide Program of Study: Automotive and Collision Repair

The Automotive and Collision Repair program of study focuses on the occupational and educational opportunities associated with servicing, repairing, and refinishing various types of vehicles. This program of study includes diagnosing and servicing vehicles and learning about processes, technologies, and materials used in reconstructing vehicles.

Offered at Miller High School



Secondary Courses for High School Credit

- Level 3** • Automotive Technology I: Maintenance and Light Repair
- Level 4** • Automotive Technology II: Automotive Service + Advanced Transportation Systems Laboratory
 - Practicum in Transportation Systems

Aligned Advanced Academic Courses

Dual Credit Dual credit offerings will vary by local education agency.

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities

- Shadow an automotive technician at a car dealership
- Intern at a rental car company and assist technicians with vehicle maintenance
- Work at a local automotive repair shop and hold both customer service duties and automatic repair duties

Expanded Learning Opportunities

- Join a related automotive association and attend events
- Participate in SkillsUSA

Aligned Industry-Based Certifications

- ASE Entry Level Automobile Maintenance and Light Repair (MR)
- ASE Entry-Level Automobile Automatic Transmission/Transaxle (AT)
- ASE Entry-Level Automobile Brakes (BR)
- ASE Entry-Level Automobile Electronic/Electrical Systems (EE)
- ASE Entry-Level Automobile Engine Performance (EP)
- ASE Entry-Level Automobile Engine Repair (ER)
- ASE Entry-Level Automobile Heating and Air Conditioning (AC)
- ASE Entry-Level Automobile Manual Drive Train and Axles (MD)
- ASE Entry-Level Automobile Service Technology
- ASE Entry-Level Automobile Suspension and Steering (SS)
- ASE Entry-Level Collision Mechanical and Electrical Components (ME)
- ASE Entry-Level Collision Non-Structural Analysis and Damage Repair (EE)
- ASE Entry-Level Collision Painting and Refinishing (PR)
- ASE Entry-Level Collision Structural Analysis and Damage Repair
- ASE Refrigerant Recovery and Recycling



Example Postsecondary Opportunities

Apprenticeships

- Automotive Technician Apprenticeship



Associate Degrees

- Automobile/Automotive Mechanics Technology
- Autobody/Collision and Repair Technology

Bachelor's Degrees

- Autobody/Collision and Repair Technology
- Heavy Equipment Maintenance Technology

Additional Stackable IBCs/License

Automobile and Light Truck Certification (A1 – A9)



Example Aligned Occupations

Automotive Service Technicians and Mechanics

Median Wage: \$44,809
Annual Openings: 6,285
10-Year Growth: 10%

Bus and Truck Mechanics and Diesel Engine Specialists

Median Wage: \$50,967
Annual Openings: 3,096
10-Year Growth: 19%

First-Line Supervisors of Mechanics, Installers, and Repairers

Median Wage: \$66,535
Annual Openings: 5,019
10-Year Growth: 19%

Automotive and Collision Repair

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.






For more information visit: [154
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)

Transportation, Distribution, and Logistics Career Cluster

Statewide Program of Study: Automotive and Collision Repair

Course Information

| Level 3 | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|---|--|
| | Automotive Technology I: Maintenance and Light Repair 13039600 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Automotive Basics Recommended Corequisites: None |  |
| Level 4 | Course | Prerequisites Corequisites | Career Clusters |
| | Automotive Technology II: Automotive Service + Advanced Transportation Systems Laboratory 13039710 (3 credits) | Prerequisites: Automotive Technology I: Maintenance and Light Repair Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |
| | Practicum in Transportation Systems* First Time Taken: 13040450 (2 credits) Second Time Taken: 13040460 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |

For additional information on the **Transportation, Distribution, and Logistics** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Transportation, Distribution, and Logistics Career Cluster

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, and mobile equipment and facility maintenance. This career cluster includes a diverse spectrum of occupations, ranging from automotive mechanic, avionics technician, automotive entrepreneur, pilots to logistics planning professionals.

Statewide Program of Study: Aviation Pilots

The Pilots and Aviation Operations program of study focuses on occupational and educational opportunities associated with the principles and science of flight. This program of study includes the exploration and understanding of aviation engineering, air navigational aids, air traffic controls, and communications equipment to ensure conformance with federal safety regulations.

Offered at Veterans Memorial High School



Secondary Courses for High School Credit

- Level 1** • Introduction to Aerospace and Aviation
- Level 2** • Introduction to Unmanned Aerial Vehicles (UAV)
- Level 3** • Aviation Ground School
 - Aerospace Engineering (PLTW)
- Level 4** • Practicum in Transportation Systems
 - Scientific Research and Design

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| AP or IB | AP Calculus BC AP Physics C: Mechanics |
| Dual Credit | Dual credit offerings will vary by local education agency. |

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Shadow a commercial airline pilot for to learn about pre- and post-flight routines • Intern at a technology company that produces drones to learn about aerial robotics and drone pilot requirements |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Explore virtual aviation websites • Participate in SkillsUSA |

Aligned Industry-Based Certifications

- FAA Part 107 Remote Drone Pilot



Example Postsecondary Opportunities

Apprenticeships

- Air Transport Pilot Apprentice

Associate Degrees

- Airline/Commercial/Professional Pilot and Flight Crew

Bachelor's Degrees

- Airline/Commercial/Professional Pilot and Flight Crew

Additional Stackable IBCs/License

- Airman Certificate



Example Aligned Occupations

Commercial Pilots

Median Wage: \$108,120
Annual Openings: 663
10-Year Growth: 20%

Airline Pilots, Copilots, and Flight Engineers

Median Wage: \$180,060
Annual Openings: 1,204
10-Year Growth: 14%

Aviation Pilots

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

















For more information visit: [156
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)

Transportation, Distribution, and Logistics Career Cluster

Statewide Program of Study: Aviation Pilots



Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|--|---|
| Level 1 | Introduction to Aerospace and Aviation N1304672 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |   |
| | Introduction to Unmanned Aerial Vehicles (UAV) N1304670 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Transportation Systems Recommended Corequisites: None |   |
| Level 3 | Aviation Ground School N1304675 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Algebra I, Introduction to Unmanned Aerial Vehicles, Introduction to Aircraft Technology, or Junior Reserve Officer Training Corps (ROTC) II Recommended Corequisites: None |  |
| | Aerospace Engineering (PLTW) N1303745 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: At least one credit in a Level 2 or higher course in engineering Recommended Corequisites: None |   |
| Level 4 | First Time Taken: 13040450 (2 credits) Second Time Taken: 13040460 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |
| | Scientific Research and Design 13037200 (1 credit) | Prerequisites: Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |       |

* Indicates course is included in more than one program of study.

For additional information on the **Transportation, Distribution, and Logistics** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Transportation, Distribution, and Logistics Career Cluster



The Transportation, Distribution, and Logistics career cluster focuses on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes transportation infrastructure planning and management, logistics services, and mobile equipment and facility maintenance. This career cluster includes occupations ranging from automotive mechanic, avionics technician, and automotive entrepreneur to pilots and logistics planning professionals.

Regional Program of Study: Maritime

Approved in ESC Regions 2, 4, and 5

*The list of approved ESC regions is updated every school year, be sure to check the CTE regional program of study website for updates.

The Maritime regional program of study focuses on educational and occupational opportunities associated with the operation of water vessels. This program of study includes maintenance procedures and operation of maritime navigational aids, maritime traffic controls, and communications equipment to ensure conformance with federal safety regulations.

Offered at Carroll High School



Secondary Courses for High School Credit

- Level 1 • Principles of Maritime Science
- Level 2 • Maritime Science I
- Level 3 • Maritime Science II
 - Advanced Shipboard Engineering
- Level 4 • Practicum in Transportation Systems

Aligned Advanced Academic Courses

| | |
|-------------|--|
| Dual Credit | Dual credit offerings will vary by local education agency. |
|-------------|--|

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|---------------------------------|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Shadow at a maritime port to learn about maritime traffic control • Participate in a pre-apprenticeship with a government agency (such as U.S. Coast Guard) working closely with ship engineers |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Participate in SkillsUSA • Tour various maritime vessels |

Aligned Industry-Based Certifications

- Certified Logistics Technician (CLT)



Example Postsecondary Opportunities

Apprenticeships

- Maritime Apprenticeship Program (MAP)



Associate Degrees

- Logistics
- Transportation and Mobility Management

Bachelor's Degrees

- Logistics and Supply Chain Management
- Maritime Transportation

Master's, Doctoral, and Professional Degrees

- Logistics
- Transportation and Mobility Management

Additional Stackable IBCs/License

- Limited Tonnage Workboat Mate



Example Aligned Occupations

Sailors and Marine Oilers

Median Wage: \$69,299
Annual Openings: 329
10-Year Growth: 10%

Motorboat Operators

Median Wage: \$40,223
Annual Openings: 83
10-Year Growth: 14%

Captains, Mates, and Pilots of Water Vessels

Median Wage: \$102,803
Annual Openings: 293
10-Year Growth: 13%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit: [158
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)

Transportation, Distribution, and Logistics Career Cluster

Regional Program of Study: Maritime



Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|--|-----------------|
| Level 1 | Principles of Maritime Science N1304661 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Maritime Science I N1304662 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 3 | Maritime Science II N1304663 (1 credit) | Prerequisites: Maritime Science I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 4 | Practicum in Transportation Systems* First Time Taken: 13040450 (2 credits) Second Time Taken: 13040460 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Transportation, Distribution, and Logistics** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Business, Marketing, and Finance Career Cluster

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. This career cluster includes occupations ranging from business owner and entrepreneur to accountant, retail manager, and market analyst.

Statewide Program of Study: Accounting and Financial Services

The Accounting and Financial Services program of study focuses on occupational and educational opportunities associated with examining, analyzing, and interpreting financial records. It includes exploration of financial services, preparing financial statements, auditing financial statements prepared by others, and interpreting accounting records. This program of study also introduces students to mathematical modeling tools.

Offered at Veterans Memorial High School



Secondary Courses for High School Credit

- | | |
|----------------|--|
| Level 1 | <ul style="list-style-type: none"> Principles of Business, Marketing, and Finance DC# Business Information Management I DC# |
| Level 2 | <ul style="list-style-type: none"> Accounting I DC# |
| Level 3 | <ul style="list-style-type: none"> Accounting II DC# |
| Level 4 | <ul style="list-style-type: none"> Practicum in Entrepreneurship Career Preparation for Programs of Study (First Time Taken) Accounting & Financial Services |

Aligned Advanced Academic Courses

| | |
|--------------------|-------------------------------------|
| Dual Credit | Accounting I DC Accounting II DC |
|--------------------|-------------------------------------|

The courses listed above are offered as dual credit courses in partnership with Del Mar College.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Intern with a certified public accountant (CPA) at a local business Intern with a city or county auditor’s office Shadow a financial advisor as an intern at an investment company |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in BPA, DECA, or FBLA Explore student membership in professional organizations such as AICPA, CIMA, or TXCPA |

Aligned Industry-Based Certifications

- Not currently offered



Example Postsecondary Opportunities

Associate Degrees

- Accounting
- Bookkeeping

Bachelor’s Degrees

- Accounting
- Banking and Financial Support Services

Master’s, Doctoral, and Professional Degrees

- Business Administration and Management
- Finance

Additional Stackable IBCs/License

- Project Management Professional
- Property Tax Consultants Service Contract Providers



Example Aligned Occupations

Tax Preparers

Median Wage: \$56,956
Annual Openings: 898
10-Year Growth: 14%

Accountants and Auditors

Median Wage: \$78,022
Annual Openings: 12,989
10-Year Growth: 20%

Personal Financial Advisors

Median Wage: \$77,605
Annual Openings: 1,877
10-Year Growth: 21%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024..































For more information visit: <https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>

Business, Marketing, and Finance Career Cluster

Statewide Program of Study: Accounting and Financial Services

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|---|--|
| Level 1 | Principles of Business, Marketing, and Finance* 13011200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |   |
| | Business Information Management I* 13011400 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Touch System Data Entry Recommended Corequisites: None |   |
| Level 2 | Accounting I 13016600 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Business, Marketing, and Finance Recommended Corequisites: None |  |
| Level 3 | Accounting II 13016700 (1 credit) | Prerequisites: Accounting I Corequisites: None Recommended Prerequisites: None |  |
| Level 4 | Practicum in Entrepreneurship* First Time Taken: 13011111 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Entrepreneurship I and Entrepreneurship II or successful completion of at least two courses in a CTE program of study Recommended Corequisites: None |           |
| | Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |             |

* Indicates course is included in more than one program of study.

For additional information on the **Business, Marketing, and Finance** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Health Science Career Cluster



The Health Science career cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Statewide Program of Study: *Biomedical Science*

The Biomedical Science program of study focuses on occupational and educational opportunities associated with the study of biology and medicine. This program of study includes researching and diagnosing diseases, pre-existing conditions, and other determinants of health. Students will also practice patient care and communication.

Offered at Veterans Memorial High School



Secondary Courses for High School Credit

- | | |
|----------------|------------------------------------|
| Level 1 | • Principles of Biosciences (PLTW) |
| Level 2 | • Human Body Systems (PLTW) |
| Level 3 | • Medical Interventions (PLTW) |
| Level 4 | • Biomedical Innovation (PLTW) * |

Aligned Advanced Academic Courses

| | | |
|----------|---------------|-----------------|
| AP or IB | AP Biology | AP Chemistry |
| | IB Biology SL | IB Chemistry SL |
| | IB Biology HL | IB Chemistry HL |

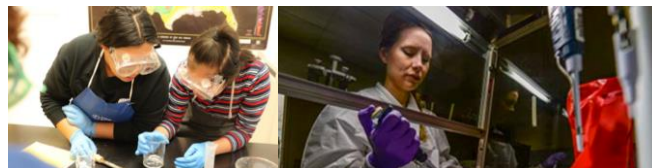
Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Intern with a biological or medical scientist at a healthcare organization or health research company to learn scientific testing methods • Shadow a clinical laboratory technician to observe laboratory testing processes |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Participate in Health Occupations Students of America (HOSA) |

Aligned Industry-Based Certifications

- Biomedical Innovation (PLTW)



Example Postsecondary Opportunities

Apprenticeships

- Medical Laboratory Technician

Associate Degrees

- Biotechnology
- Biological Sciences

Bachelor's Degrees

- Biology
- Cellular and Molecular Biology

Master's, Doctoral, and Professional Degrees

- Forensic Science and Technology
- Biomedical Sciences

Additional Stackable IBCs/License

- Cytotechnologist



Example Aligned Occupations

Medical Equipment Preparers

Median Wage: \$38,827
Annual Openings: 519
10-Year Growth: 18%

Forensic Science Technicians

Median Wage: \$56,971
Annual Openings: 249
10-Year Growth: 22%

Biological Technicians

Median Wage: \$45,787
Annual Openings: 879
10-Year Growth: 14%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit: [162
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)



Health Science Career Cluster

Statewide Program of Study: *Biomedical Science*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|--|-----------------|
| Level 1 | Principles of Bioscience 13036300 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Human Body Systems (PLTW) N1302093 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 3 | Medical Interventions (PLTW) N1302094 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: At least one credit in a Level 2 or higher course in the Biomedical Science program of study Recommended Corequisites: None | |
| Level 4 | Biomedical Innovation (PLTW) N1302095 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: At least one credit in a Level 2 or higher course in the Biomedical Science program of study Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Health Science** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Human Services Career Cluster

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. This career cluster includes occupations ranging from community health workers to cosmetologists and nutritionists.

Regional Program of Study: Cosmetology and Personal Care Services

Approved in ESC Regions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, & 20

*The list of approved ESC regions is updated every school year. Be sure to check the CTE regional program of study website for updates.

The Cosmetology and Personal Care Services regional program of study focuses on occupational and educational opportunities associated with providing beauty and personal care services. This program of study includes managing personal care facilities and coordinating or supervising personal service workers.

Offered at Miller High School



Secondary Courses for High School Credit

- | | |
|---------|--|
| Level 2 | <ul style="list-style-type: none"> Nail Care, Enhancements, and Spa Services A DC# Nail Care, Enhancements, and Spa Services B DC# |
| Level 3 | <ul style="list-style-type: none"> Principles of Cosmo DC# Esthetics A DC# Esthetics B DC# |
| SUMMER | <ul style="list-style-type: none"> Cosmetology I/Lab DC# |
| Level 4 | <ul style="list-style-type: none"> Cosmetology II DC# * |

Aligned Advanced Academic Courses

| | |
|--------------------|---|
| Dual Credit | <ul style="list-style-type: none"> Nail Care, Enhancements, and Spa Services DC Principles of Cosmetology DC Esthetics DC Cosmetology 1 / LAB DC Cosmetology II DC |
|--------------------|---|

The courses listed above are offered as dual credit courses in partnership with Del Mar College.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Work part-time in a salon, spa, or barbershop Participate in an apprenticeship at a salon to become an apprentice stylist |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Tour a salon, spa, or barbershop Participate in SkillsUSA |

Aligned Industry-Based Certifications

- Cosmetology Operator License

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Apprentice Stylist

Associate Degrees

- Cosmetology Operator
- Esthetics and Skin Care

Additional Stackable IBCs/License

- Class A Barber
- Eyelash Extension Specialist
- Hair Weaving Specialist



Example Aligned Occupations

Hairdressers, Hairstylists, and Cosmetologists

Median Wage: \$27,286
Annual Openings: 8,014
10-Year Growth: 25%

Skincare Specialists

Median Wage: \$35,112
Annual Openings: 778
10-Year Growth: 38%

First-Line Supervisors of Personal Service Workers

Median Wage: \$36,795
Annual Openings: 2,253
10-Year Growth: 29%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Human Services Career Cluster

Regional Program of Study: *Cosmetology and Personal Care Services*

Course Information

| | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|--|-----------------|
| Level 1 | Principles of Cosmetology Design and Color Theory 13025050 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Human Services Recommended Corequisites: None | |
| Level 2 | Nail Care, Enhancements, and Spa Services N1302531 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | Esthetics N1302533 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 3 | Cosmetology I + Cosmetology I Lab 13025210 (3 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Introduction to Cosmetology Recommended Corequisites: None | |
| Level 4 | Cosmetology II 13025300 (2 credits) | Prerequisites: Cosmetology I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Human Services** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Health Science Career Cluster



The Health Science career cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Statewide Program of Study: *Diagnostic and Therapeutic Services*

The Diagnostic and Therapeutic Services program of study focuses on occupational and educational opportunities associated with diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study includes exploration of patient treatment and rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

Offered at Carroll, King, Miller, Ray, & Veterans Memorial High Schools



Secondary Courses for High School Credit

- Level 1**
 - Principles of Health Science

- Level 2**
 - Medical Terminology A CE#
 - Medical Terminology B CE#

- Level 3**
 - Anatomy and Physiology
 - Health Science Theory A CE#
 - Health Science Theory B CE# *

- Level 4**
 - Practicum in Health Science A CE#
 - Practicum in Health Science B CE# *

Aligned Advanced Academic Courses

| | | |
|----------|---------------|-----------------|
| AP or IB | AP Biology | AP Chemistry |
| | IB Biology SL | IB Chemistry SL |
| | IB Biology HL | IB Chemistry HL |

| | |
|----------------------|--|
| Continuing Education | Medical Terminology CE Health Science Theory CE Practicum in Health Science CE |
|----------------------|--|

The courses above are offered in partnership with Del Mar College. Students will earn college credit toward certification. These credits may be matriculated to credits in pursuit of related degrees via an application process with Del Mar College.

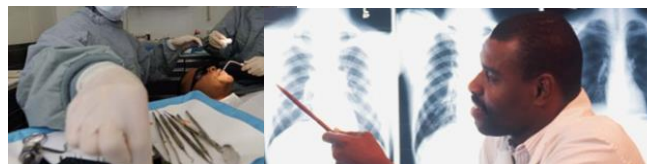
Work-Based Learning and Expanded Learning Opportunities

| | |
|---------------------------------|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Intern with a medical assistant at a community clinic, hospital, assisted living, or long-term care facility • Participate in job shadowing experiences such as Emergency Medical Services (EMS) ride along or hospital/clinical job |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Participate in Health Occupation Students of America (HOSA) or SkillsUSA • Participate in Advanced Medical Ambulance Bus (AMBUS) event or Community Emergency Response Team (CERT) event |

Aligned Industry-Based Certifications

- Certified Clinical Medical Assistant
- Phlebotomy Technician

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

- Apprenticeships**
 - Medical Assistant
- Associate Degrees**
 - Emergency Medical Technology
 - Radiologic Technology/Science
- Bachelor's Degrees**
 - Emergency Medical Technology
 - Medical Insurance Coding
- Master's, Doctoral, and Professional Degrees**
 - Medicine
 - Occupational Therapy
- Additional Stackable IBCs/License**
 - Registered Diagnostic Medical Sonographer



Example Aligned Occupations

Medical Assistants

Median Wage: \$36,834
 Annual Openings: 11,638
 10-Year Growth: 29%

Dental Hygienists

Median Wage: \$79,663
 Annual Openings: 1,352
 10-Year Growth: 32%

Physician Assistants

Median Wage: \$127,332
 Annual Openings: 974
 10-Year Growth: 41%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit: [166
 https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)



Health Science Career Cluster

Statewide Program of Study: *Diagnostic and Therapeutic Services*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|--|-----------------|
| Level 1 | Principles of Health Science* 13020200 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Medical Terminology* 13020300 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 3 | Anatomy and Physiology* 13020600 (1 credit) | Prerequisites: One credit in Biology and one credit in Chemistry, Integrated Physics and Chemistry, or Physics Corequisites: None Recommended Prerequisites: A course from the Health Science career cluster Recommended Corequisites: None | |
| | Health Science Theory* 13020400 (1 credit) | Prerequisites: One credit in Biology and at least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 4 | Practicum in Health Science* First Time Taken: 13020500 (2 credits) Second Time Taken: 13020510 (2 credits) | Prerequisites: Health Science Theory and Biology Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Health Science** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Health Science Career Cluster



The Health Science career cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Statewide Program of Study: *Diagnostic and Therapeutic Services - Dental*

The Diagnostic and Therapeutic Services program of study focuses on occupational and educational opportunities associated with diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study includes exploration of patient treatment and rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

Offered at Carroll High School



Secondary Courses for High School Credit

| | |
|----------------|---|
| Level 1 | • Introduction to Dental Science |
| Level 2 | • Dental Anatomy and Physiology |
| Level 3 | • Anatomy and Physiology • Dental Equipment and Procedures |
| Level 4 | • Practicum in Health Science- Dentistry * |

Aligned Advanced Academic Courses

| | | |
|-----------------|--|--|
| AP or IB | AP Biology IB Biology SL IB Biology HL | AP Chemistry IB Chemistry SL IB Chemistry HL |
|-----------------|--|--|

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Intern with a medical assistant at a community clinic, hospital, assisted living, or long-term care facility • Participate in job shadowing experiences such as Emergency Medical Services (EMS) ride along or hospital/clinical job |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Participate in Health Occupation Students of America (HOSA) or SkillsUSA • Participate in Advanced Medical Ambulance Bus (AMBUS) event or Community Emergency Response Team (CERT) event |

Aligned Industry-Based Certifications

- Certified Dental Assistant

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Medical Assistant

Associate Degrees

- Emergency Medical Technology
- Radiologic Technology/Science

Bachelor's Degrees

- Emergency Medical Technology
- Medical Insurance Coding

Master's, Doctoral, and Professional Degrees

- Medicine
- Occupational Therapy

Additional Stackable IBCs/License

- Registered Diagnostic Medical Sonographer



Example Aligned Occupations

Medical Assistants

Median Wage: \$36,834
Annual Openings: 11,638
10-Year Growth: 29%

Dental Hygienists

Median Wage: \$79,663
Annual Openings: 1,352
10-Year Growth: 32%

Physician Assistants

Median Wage: \$127,332
Annual Openings: 974
10-Year Growth: 41%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit: [168
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)



Health Science Career Cluster

Statewide Program of Study: *Diagnostic and Therapeutic Services*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|--|-----------------|
| Level 1 | Introduction to Dental Science N1302101 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| | Dental Anatomy and Physiology N1302122 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Biology and Introduction to Dental Science Recommended Corequisites: None | |
| Level 3 | Anatomy and Physiology* 13020600 (1 credit) | Prerequisites: One credit in Biology and one credit in Chemistry, Integrated Physics and Chemistry, or Physics Corequisites: None Recommended Prerequisites: A course from the Health Science career cluster Recommended Corequisites: None | |
| | Dental Equipment and Procedures N1302130 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Introduction to Dental Science and Dental Anatomy and Physiology Recommended Corequisites: None | |
| Level 4 | Practicum in Health Science* First Time Taken: 13020500 (2 credits) Second Time Taken: 13020510 (2 credits) | Prerequisites: Health Science Theory and Biology Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Health Science** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Health Science Career Cluster

The Health Science career cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Statewide Program of Study: *Exercise Science, Wellness, and Restoration*

The Exercise Science, Wellness, and Restoration program of study focuses on occupational and educational opportunities associated with assisting patients with maintaining physical, mental, and emotional health. This program of study includes researching diet and exercise needed to maintain a healthy, balanced lifestyle and exploring techniques to help patients recover from injury, illness, or disease.

Offered at Veterans Memorial High School



Secondary Courses for High School Credit

Level 1 • Principles of Exercise Science and Wellness

Level 2 • Kinesiology I

Level 3 • Anatomy and Physiology
• Kinesiology II

Level 4 • Practicum in Entrepreneurship (Exercise Science)*

Aligned Advanced Academic Courses

| | | |
|-----------------------------|-------------------|--------------------------------|
| AP or IB | AP Biology | IB Biology SL IB Biology HL |
| Continuing Education | Kinesiology II CE | |

The Continuing Education courses above are offered in partnership with Del Mar College. Students will earn college credit toward certification. These credits may be matriculated to credits in pursuit of related degrees via an application process with Del Mar College.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Participate in an internship with a physical therapist, occupational therapist, or speech therapist Shadow an athletic trainer from a local sports team |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Participate in the Texas State Athletic Trainers Association Participate in HOSA or SkillsUSA Volunteer at a hospital or rehabilitation center |

Aligned Industry-Based Certifications

- Certified Personal Trainer

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Medical Assistant

Associate Degrees

- Associate of Applied Science

Bachelor's Degrees

- Nutrition Sciences
- Exercise Physiology and Kinesiology

Master's, Doctoral, and Professional Degrees

- Exercise Science and Kinesiology
- Physical Therapy

Additional Stackable IBCs/License

- Physical Therapy Technician/Aide Certification



Example Aligned Occupations

Exercise Trainers and Group Fitness Instructors

Median Wage: \$44,916
Annual Openings: 5,022
10-Year Growth: 41%

Physical Therapist Assistants

Median Wage: \$74,866
Annual Openings: 1,218
10-Year Growth: 44%

Athletic Trainers

Median Wage: \$54,447
Annual Openings: 295
10-Year Growth: 13%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit: [170
https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources](https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources)



Health Science Career Cluster

Statewide Program of Study: *Exercise Science, Wellness, and Restoration*

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|--|--|-----------------|
| Level 1 | Principles of Exercise Science and Wellness N1302107 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 2 | Kinesiology I N1302104 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Level 3 | Anatomy and Physiology* 13020600 (1 credit) | Prerequisites: One credit in Biology and one credit in Chemistry, Integrated Physics and Chemistry, or Physics Corequisites: None Recommended Prerequisites: A course from the Health Science career cluster Recommended Corequisites: None | |
| | Kinesiology II N1302124 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Kinesiology I Recommended Corequisites: None | |
| Level 4 | Practicum in Entrepreneurship First Time Taken: 13011111 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Entrepreneurship I and II or successful completion of at least two courses in a CTE program of study Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the **Health Science** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



Law and Public Service Career Cluster

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. This career cluster includes occupations ranging from police officer and firefighter to political scientist and lawyer.

Statewide Program of Study: Fire Science

The Fire Science program of study focuses on occupational and educational opportunities associated with fire prevention, protection, and firefighting. This program of study includes firefighter safety, building codes, and the necessary physical skills to perform rescues. Students will learn about preparedness, basic fire suppression techniques, basic arson investigation, hazardous material management, and educating the public about fire safety.

This Program of Study is Offered at:
Carroll, King, Miller, Moody, Ray, & Veterans Memorial HS



Secondary Courses for High School Credit

- Year 1**
- Firefighter I DC#
 - Anatomy and Physiology -OR- Anatomy and Physiology DC#

- SUMMER**
- Firefighter II DC#

- Year 2**
- Career and Technical Education Project-Based Capstone
 - Emergency Medical Technician—Basic *
 - Firefighter Medical Terminology CE# *
 - Disaster Response

Aligned Advanced Academic Courses

| | |
|--------------------|--|
| Dual Credit | Firefighter I DC Firefighter II DC Emergency Medical Technician – Basic DC |
|--------------------|--|

The courses listed above are offered as dual credit courses in partnership with Del Mar College.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|---|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Shadow a fire chief to learn about fire department operations and skills needed to be a firefighter • Intern with a fire inspection company to learn about building safety, fire prevention, and fire protection |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Tour a local fire department • Participate in SkillsUSA or TSA |

Aligned Industry-Based Certifications

- Emergency Medical Technician – Basic
- Basic Structure Fire Protection

* Indicates the course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Fire Apprentice

Associate Degrees

- Emergency Medical Technology
- Fire Protection Technology

Bachelor's Degrees

- Fire Science
- Emergency Health Services

Additional Stackable IBCs/License

- Hazardous Materials Awareness
- Fire Plan Examiner



Example Aligned Occupations

Emergency Medical Technicians

Median Wage: \$34,169
 Annual Openings: 1,590
 10-Year Growth: 19%

Firefighters

Median Wage: \$52,353
 Annual Openings: 2,294
 10-Year Growth: 14%

Fire Inspectors and Investigators

Median Wage: \$67,014
 Annual Openings: 203
 10-Year Growth: 14%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.










For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Law and Public Service Career Cluster

Statewide Program of Study: Fire Science

Course Information

| Level 2 | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|--|---|
| | Disaster Response N1303011 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security Recommended Corequisites: None |   |
| Level 3 | Course | Prerequisites Corequisites | Career Clusters |
| | Firefighter I 13029900 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security Recommended Corequisites: None |  |
| | Emergency Medical Technician—Basic N1303015 (2 credits) | Prerequisites: Biology Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security, and Anatomy and Physiology Recommended Corequisites: None |  |
| | Anatomy and Physiology 13020600 (1 credit) | Prerequisites: One credit in Biology and one credit in Chemistry, Integrated Physics and Chemistry (IPC), or Physics Corequisites: None Recommended Prerequisites: A course from the Health Science career cluster Recommended Corequisites: None |   |
| Level 4 | Course | Prerequisites Corequisites | Career Clusters |
| | Firefighter II 13030000 (3 credits) | Prerequisites: Firefighter I Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security Recommended Corequisites: None |  |
| | Career and Technical Education Project-Based Capstone* First Time Taken: 12701101 (1 credit) | Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

* Indicates course is included in more than one program of study.

For additional information on the Law and Public Service career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Manufacturing Career Cluster

The Manufacturing career cluster focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and process engineering. This career cluster includes occupations ranging from welder and machinist to industrial engineering technician and semi-conductor processing technician.

Statewide Program of Study: Welding

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. CTE learners 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.

Offered at Carroll, Veterans, & Moody (P-TECH) High School



Secondary Courses for High School Credit

- | | |
|----------------|--|
| Level 1 | <ul style="list-style-type: none"> Introduction to Welding A DC# Introduction to Welding B DC# |
| Level 2 | <ul style="list-style-type: none"> Welding I DC# * |
| Level 3 | <ul style="list-style-type: none"> Welding II/ Lab A DC # Welding II/ Lab B DC #* |
| Level 4 | <ul style="list-style-type: none"> Practicum in Manufacturing |

Aligned Advanced Academic Courses

| | |
|--------------------|---|
| Dual Credit | Introduction to Welding DC Welding I DC Welding II DC |
|--------------------|---|

The courses listed above are offered as dual credit courses in partnership with Del Mar College.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> Job shadow a welder Intern for a local welding company |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> Tour a welding shop Participate in SkillsUSA or TSA Participate in a welding project that benefits the community |

Aligned Industry-Based Certifications

- AWS D1.1 Structural Steel
- AWS D9.1 Sheet Metal Welding

* Indicates course in which industry-based certification is administered



Example Postsecondary Opportunities

Apprenticeships

- Welding

Associate Degrees

- Welding Technology
- Building/Construction Site Management
- Operations Management and Supervision

Bachelor's Degrees

- Welding Technology
- Construction Management
- Project Management
- Building/Construction Site Management

Master's, Doctoral, and Professional Degrees

- Engineering
- Engineering/Industrial Management
- Manufacturing Engineering
- Construction Engineering



Example Aligned Occupations

Welders, Cutters, Solderers, and Brazers

Median Wage: \$48,177
 Annual Openings: 6,792
 10-Year Growth: 23%

First-Line Supervisors of Production and Operating Workers

Median Wage: \$62,584
 Annual Openings: 5,926
 10-Year Growth: 17%

Industrial Production Managers

Median Wage: \$119,691
 Annual Openings: 1,296
 10-Year Growth: 19%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.









For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>

Manufacturing Career Cluster

Statewide Program of Study: Welding

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|---|---|
| Level 1 | Introduction to Welding* 13032250 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Algebra I Recommended Corequisites: None |   |
| Level 2 | Welding I* 13032300 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Algebra I, Principles of Manufacturing, Introduction to Precision Metal Manufacturing, or Introduction to Welding Recommended Corequisites: None |  |
| Level 3 | Welding II 13032400 (2 credits) | Prerequisites: Welding I Corequisites: None Recommended Prerequisites: Algebra I or Geometry Recommended Corequisites: None |  |
| Level 4 | Practicum in Manufacturing* First Time Taken: 13033000 (2 credits) Second Time Taken: 13033010 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |   |

* Indicates course is included in more than one program of study.

For additional information on the **Manufacturing** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

Manufacturing Career Cluster

The Manufacturing career cluster focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and process engineering. This career cluster includes occupations ranging from welder and machinist to industrial engineering technician and semi-conductor processing technician.

Statewide Program of Study: Welding

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. CTE learners 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.

Offered at King, Miller, & Ray



Secondary Courses for High School Credit



- Level 1**
 - Introduction to Welding DC#

- Level 2**
 - Occupational Safety & Environmental Technology I DC#
 - Welding I IDC# *
 - Welding II/ Lab DC # *

- Level 3**
 - Practicum in Manufacturing DC #

Aligned Advanced Academic Courses

| | |
|--------------------|---|
| Dual Credit | Introduction to Welding DC Occupational Safety and Environmental Technology I DC Welding I DC Welding II DC Practicum in Manufacturing DC |
|--------------------|---|

The courses listed above are offered as dual credit courses in partnership with Del Mar College.

Work-Based Learning and Expanded Learning Opportunities

| | |
|--|--|
| Work-Based Learning Activities | <ul style="list-style-type: none"> • Job shadow a welder • Intern for a local welding company |
| Expanded Learning Opportunities | <ul style="list-style-type: none"> • Tour a welding shop • Participate in SkillsUSA or TSA • Participate in a welding project that benefits the community |

Aligned Industry-Based Certifications

- AWS D1.1 Structural Steel
- AWS D9.1 Sheet Metal Welding

* Indicates course in which industry-based certification is administered

Example Postsecondary Opportunities

Apprenticeships

- Welding

Associate Degrees

- Welding Technology
- Building/Construction Site Management
- Operations Management and Supervision

Bachelor's Degrees

- Welding Technology
- Construction Management
- Project Management
- Building/Construction Site Management

Master's, Doctoral, and Professional Degrees

- Engineering
- Engineering/Industrial Management
- Manufacturing Engineering
- Construction Engineering



Example Aligned Occupations

Welders, Cutters, Solderers, and Brazers

Median Wage: \$48,177
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Industrial Production Managers

Median Wage: \$119,691
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Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.












For more information visit:
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Manufacturing Career Cluster

Statewide Program of Study: Welding

Course Information

| Level | Course | Prerequisites Corequisites | Career Clusters |
|---------|---|---|---|
| Level 1 | Introduction to Welding* 13032250 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Algebra I Recommended Corequisites: None |   |
| | Welding I* 13032300 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Algebra I, Principles of Manufacturing, Introduction to Precision Metal Manufacturing, or Introduction to Welding Recommended Corequisites: None |  |
| Level 2 | Occupational Safety and Environmental Technology I* N1303680 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Transportation Systems, Principles of Distribution and Logistics, or Principles of Manufacturing Recommended Corequisites: None |    |
| | Welding II 13032400 (2 credits) | Prerequisites: Welding I Corequisites: None Recommended Prerequisites: Algebra I or Geometry Recommended Corequisites: None |  |
| Level 3 | Practicum in Manufacturing* First Time Taken: 13033000 (2 credits) Second Time Taken: 13033010 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |   |
| | | | |

* Indicates course is included in more than one program of study.

For additional information on the **Manufacturing** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>

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: _____

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