



HIGH SCHOOL PLANNING GUIDE

2023-2024





HIGH SCHOOL PLANNING GUIDE 2023-2024

Plan your future. Optimize the outcome.

CFBISD – High Expectations for All

Use this guide to develop your four-year graduation plan.

Gain the experience you need to be the most successful you possible.

DISCRIMINATION DISCLAIMER

Carrollton-Farmers Branch Independent School District does not discriminate on the basis of race, religion, color, national origin, sex or disability in providing education or providing access to benefits of education services, activities, and programs, including career and technology programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; and Title II of the Americans with Disabilities Act.

Be aware that, because this material is published early in the preceding school year, some changes in procedures, policy, or course offerings may be required.

Table of Contents

About CFBISD	5
District Leadership	6
CFBISD Graduate Profile	7
Graduation Requirements	7
Awarding of Credits	10
Grading System	11
Additional Course Credit Options	12
Scheduling Guidelines	14
Academic Offerings	16
Texas Education Agency Information	30
NCAA Information	31
4-Year Planning Page	32
Course Descriptions	
English	34
Mathematics	42
Science	48
Social Studies	55
World Languages	64
Athletics, Physical Education & Health	69
Fine Arts	75
Career & Technical Education – Programs of Study	88
Other Electives	126

About CFBISD

VALUE STATEMENTS

CFBISD BELIEVES IN....

- Excellence in ALL learning opportunities
- Respecting differences by embracing diversity
- A growth mindset for students, faculty, and staff
- Ongoing partnerships with the community
- Support & love of the whole student

THE MISSION

The **Mission** of CFBISD, a diverse community of global learners, is to empower scholars to acquire life-long knowledge, skills, and values that prepare them to compete in the world marketplace while contributing to their community.

THE VISION

CFBISD will be an exceptional learning community where all graduates impact and excel in a complex, interconnected, and ever-changing world.

THE MOTTO

High Expectations for ALL

GUIDING OBJECTIVES

1. Optimize engaging & diverse learning
2. Optimize facility, safety, and security & infrastructure to be adaptable to student needs
3. Optimize community engagement
4. Optimize social emotional health of all students
5. Optimize all available resources

District Leadership

BOARD OF TRUSTEES

Les Black, Ph.D.
President

Sally Derrick
Vice President

Cassandra Hatfield
Secretary

Carolyn Benavides
Member

Kim Brady
Member

Ileana Garza-Rojas
Member

Tara Hrbacek
Member

DISTRICT LEADERSHIP

Brian Moersch
Interim Superintendent

Dana West, Ed.D.
Associate Superintendent
for Teaching & Learning

Lance Hamlin, Ed.D.
Assistant Superintendent

Tracy Smith
Assistant Superintendent

Jo Gillen
Chief of SEL &
Post-Secondary Readiness

Maggie De La Rosa
Chief of Strategic Initiatives

Larry Guerra
Chief Financial Officer

Susan Machayo
Chief of School Leadership
Elementary

Kelly O'Sullivan
Chief of School Leadership
Secondary

SECONDARY TEACHING AND LEARNING

Stacy Carroll
Adv Academic Services &
World Languages

Olivia Perez
Bil/ ESL Instructional Services

Erica Obert
Secondary Language Arts

Patricia Parker, Ph.D.
Assessment and
Accountability

Mark Rohwer, Ph.D.
Fine Arts

Tanya Garvey
Secondary Mathematics

Patricia Franklin, Ed.D.
Student Services

Renee Putter
Health, Physical Ed, Athletics

Christy McClain
Science

Robin Stout, Ed.D.
Digital Learning

Pier Larsen
Social Studies

HIGH SCHOOL PRINCIPALS

Joe LaPuma
Creekview

Timothy Isaly
Early College

Stephanie Jimenez, Ed.D.
Newman Smith

Sherie Skruch
Ranchview

Adam Grinage, Ed.D.
R. L. Turner

Graduate Profile

A CFBISD GRADUATE IS

Ethical, Socially and Emotionally Competent
a Critical Thinker, Adaptable
an Effective Communicator
Committed to their Diverse Community
and a Global Leader in the Making

Graduation Requirements

CREDIT REQUIREMENTS

All students must meet state and local requirements for graduation. CFB encourages all students to graduate on a Plan that requires 26 credits. Some students may qualify to graduate with only 22 credits.

Foundation PLUS Endorsement(s) 26 credits	Distinguished Level of Achievement 26 credits	Performance Acknowledgements Any of the 5 Options Below
<p>4 credits English, must include Eng I, Eng II, Eng III and an Advanced ELA class</p> <p>4 credits Mathematics</p> <p>4 credits Science</p> <p>4 credits Social Studies (In CFBISD, W Geography <u>and</u> W History are required as Social Studies credits along with Gov/Econ)</p> <p>2 credits World Language, same language</p> <p>1 credit Physical Education</p> <p>1 credit Fine Arts</p> <p>½ credit Health</p> <p>5½ credits in Electives-may include CTE or certification courses to satisfy endorsement requirements</p> <p>-----</p> <p>*Foundation Plan WITHOUT endorsement allows for:</p> <p>4 credits English</p> <p>3 credits Mathematics</p> <p>3 credits Science</p> <p>4 credits Social Studies</p> <p>2 credits World Languages</p> <p>1 credit Physical Education</p> <p>1 credit Fine Arts</p> <p>½ credit Health</p> <p>3½ credits in Electives</p> <p>CFBISD utilizes this plan on a limited basis as necessary given specific circumstances. Speak with your counselor if you believe this applies to you.</p>	<p>4 credits English, must include Eng IV</p> <p>4 credits Mathematics, must include Alg II</p> <p>4 credits Science, must include Chem or Phy</p> <p>4 credits Social Studies (In CFBISD, W Geography <u>and</u> W History are required as Social Studies credits along with Gov/Econ)</p> <p>2 credits World Language, same language</p> <p>1 credit Physical Education</p> <p>1 credit Fine Arts</p> <p>½ credit Health</p> <p>5½ credits in Electives-may include CTE or certification courses to satisfy endorsement requirements</p>	<p>AP</p> <ul style="list-style-type: none"> Score 3 or above on an AP Exam <p>College Entrance Exam</p> <ul style="list-style-type: none"> PSAT score of commended or higher College Benchmark score on three out of five subject tests on the ACT-Aspire SAT 1250-Reading/Math combined ACT score of 28 w/o Writing <p>Business Industry/Certification Obtain a business or industry certification</p> <p>Dual Credit</p> <ul style="list-style-type: none"> 12 College Credit hours with a grade of 3.0 or higher <p>Bilingualism/Biliteracy</p> <ul style="list-style-type: none"> Complete all ELA requirements with a min GPA of 80 <p>And add one of the following:**</p> <ul style="list-style-type: none"> 3 credits in the same World Language with a min GPA of 80 Pass Level 4 or higher World Language with a min GPA of 80 3 credits in World Language with a min GPA of 80 AP World Language score of 3.0 or higher NALP score of Intermediate High or better for a language other than English <p>**ELL Students Only – must <u>ALSO</u></p> <ul style="list-style-type: none"> Participate and meet exit criteria for a bilingual or ESL program AND Score Advanced High Level on TELPAS

Beginning with students enrolled in 12th grade during the 2021-2022 school year, as required by House Bill 3 of the 86th Texas Legislature, each student must submit a Free Application for Federal Student Aid (FAFSA) or Texas Application for State Financial Aid (TASFA), or submit a signed opt-out form in order to graduate.

ENDORSEMENT CRITERIA

To graduate with an Endorsement, students must earn at least 26 credits and complete a coherent sequence or series of courses selected from the criteria below.

STEM	BUSINESS & INDUSTRY	PUBLIC SERVICE	ARTS & HUMANITIES	MULTIDISCIPLINARY STUDIES
CTE courses with a final course from the STEM career cluster	CTE courses with a final course from the Agriculture, Food, & Natural Resources; Architecture & Construction; Arts, Audio/Video, Technology & Communications; Business Management & Administration; Finance; Hospitality & Tourism; Information Technology; Manufacturing, Marketing; Transportation, or Distribution & Logistics CTE career cluster	CTE courses with a final course from the Education & Training; Government & Public Administration; Health Science, Human Services; or Law, Public Safety, Corrections, and Security career cluster	Social Studies	Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence
Computer Science	The following English electives: public speaking, debate, advanced broadcast journalism including newspaper and yearbook	JROTC	Four levels of the same language in Languages Other Than English	Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics
Mathematics	Technology applications		Two levels in each of two language in Languages Other Than English	Four credits in AP, IB, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts
Science	A combination of credits from the categories listed above		Two levels of American Sign Language (ASL)	
A combination of no more than two of the categories listed above			Courses from one or two categories (art, dance, music, and theater) in fine arts	

Advanced courses for Endorsements are those beyond the mandated required courses and may not necessarily receive Advanced or Honors weighted points. Please speak with a counselor for the most current offerings of Endorsement-criteria courses.

STATE TESTING REQUIREMENTS

To receive a high school diploma, students are also required to obtain satisfactory scores in five state-mandated end-of-course (EOC) assessments.

English Language Arts	Mathematics	Science	Social Studies
English I English II	Algebra I	Biology	US History

A summer school program is available for students who do not meet the passing criteria on EOC assessments established by the Texas Education Agency (TEA). Students will be provided accelerated instruction at no cost to the student.

STAAR-EOC Alternate 2 (STAAR-ALT 2)

STAAR-ALT 2 is an alternate assessment designed for students with significant cognitive disabilities who receive instruction in an alternate curriculum through special education. The Admission, Review, and Dismissal (ARD) Committee will determine if the student meets the state participation requirements for the STAAR-ALT 2 assessment.

For additional information regarding State Assessment Resources, please visit <http://texasassessment.com/>.

REGARDING ALGEBRA II AS A HIGH SCHOOL GRADUATION REQUIREMENT

A student is not required by state law (Texas Education Code, Section 28.025) to successfully complete Algebra II as a requirement for high school graduation. However, there are potential consequences to a student who does not successfully complete an Algebra II course.

A student is eligible for automatic admission to a Texas public college or university as an undergraduate student if the student earned a grade point average in the **TOP 10 PERCENT** of the student's high school graduating class or in the percentage of qualified applicants that are anticipated to be offered admission to The University of Texas at Austin, and the applicant—

- successfully completed the requirements for the distinguished level of achievement under the foundation high school program at a public high school; or
- satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of at least 1500 out of 2400 or the equivalent.

A student may not earn the distinguished level of achievement or be eligible for automatic admission to a Texas public college or university as an undergraduate student if the student does not successfully complete high school Algebra II.

There are several state financial aid programs available for certain Texas public high school students. Certain state financial aid programs include curriculum requirements that should be considered when planning a student's high school career to ensure eligibility for financial aid under one of these programs. Please note that this is not a complete list of requirements and additional eligibility requirements apply. A full list of requirements is available through the Texas Higher Education Coordinating Board's (THECB) financial aid webpage at <http://www.collegeforalltexans.com/apps/financialaid/tofa.cfm?Kind=GS>

For initial eligibility for a TEXAS grant, a student enrolling in an eligible institution must be a graduate of a public or accredited private high school in this state who completed the Foundation High School Program or its equivalent and have accomplished any **two or more** of the following:

- Successful completion of the course requirements of the International Baccalaureate Diploma Programme or earning of the equivalent of at least 12 semester credit hours of college credit in high school through courses described in Texas Education Code (TEC), Sections 28.009(a)(1), (2), and (3)
- Satisfaction of the Texas Success Initiative (TSI) college readiness benchmarks prescribed by the THECB under TEC, Section 51.334 on any assessment instrument designated by the THECB or qualification for an exemption as described by TEC, Section 51.338(b), (c), or (d)
- Graduation in the top one-third of the person's high school graduating class or graduation from high school with a grade point average of at least 3.0 on a four-point scale or the equivalent
- Completion for high school credit of at least one advanced mathematics course following the successful completion of an **Algebra II** course or at least one advanced career and technical or technology applications course

Awarding of Credits

GRADE LEVEL CLASSIFICATION

Grade level classification depends on the number of credits students have earned as well as their cohort. A cohort is assigned when a student enters high school for the first time and is projected out four years. This year's incoming 9th grade students will be Cohort 2027.

COHORT	GRADE	CLASSIFICATION	CREDITS
2027	9	Freshman	0 - 5½
2026	10	Sophomore	6 - 11½
2025	11	Junior	12 - 18½
2024	12	Senior	19+

Reclassification of grade levels is made at the beginning of each school year. Students who have not been promoted to their designated cohort-grade due to lack of credits may be eligible for reclassification at the end of the first semester. Despite the number of credits earned, students are not reclassified beyond their cohort. For example, if a student in Cohort 2027 has 6 or more credits at semester of their 9th grade year, they will not be reclassified as a 10th grade student until the fall of the following school year along with the rest of their cohort who have 6 or more credits at that time.

MINIMUM ATTENDANCE FOR CLASS CREDIT

Students must be in attendance at least 90% of the time a class is in session to receive credit. (Texas Education Code 25.092) The actual number of days a student must attend in order to receive credit will vary, depending on the number of days in the semester. A student who attends fewer than 90% of the days the class is offered cannot receive credit for the class unless the Attendance Committee finds that the absences are the result of extenuating circumstances. More information is available on the district's attendance website - <https://www.cfbisd.edu/about-us/district-policies/attendance>

HIGH SCHOOL COURSES TAKEN PRIOR TO GRADE 9

Grades awarded for high school credit taken prior to grade 9, regardless of the school district where it was taken, shall be included in the high school grade point average (GPA) and shall be used to determine high school rank in class.

Grading System

FORMATIVE AND SUMMATIVE GRADES

Numeric grades 0-100 are assigned during nine-weeks grading cycles. Formative work is 25% and summative assessments/projects are 75% of the nine-weeks grade. Semester grades are calculated as 40% each nine-weeks average and 20% semester exam. Semester credit is awarded for averages of 70 and above.

GRADE POINT AVERAGES (GPA) AND RANKING

Grade points are awarded as follows:

- Numerical grade +9 points for Advanced and other designated courses
- Numerical grade +5 points for Honors
- Student GPA is also reported on an unweighted 4.0 scale

Rank in class for grades 9-12 is determined by using a weighted grade point system on a 100 point scale. GPA and Rank are calculated at semester and end of school. For 12th grade students, GPA and Rank are also calculated before the first nine-weeks for the purpose of early acceptance applications and again after the third nine-weeks for Honor Graduate designation.

HONOR GRADUATES

To be eligible for valedictory, salutatory, or top ten student honors, a student shall have attended high school in the District continuously for two school years, commencing with enrollment no later than the end of the last Friday in September of the student's junior year, until graduation.

Honor Graduates shall be determined by academic grade points, which shall be calculated as specified above. The valedictorian, salutatorian, and honor graduates shall be determined by their rank in class, and academic grade points shall be calculated at the end of the third nine-weeks of their senior year. Honor graduates may be designated as the top ten percent of the students in the graduating class, with any variation at the discretion of the principal with central office approval. Honor graduates must have completed the Distinguished Foundation High School Program for graduation.

EARLY GRADUATION

A student shall be eligible for early graduation if the student has developed a plan with his/her counselor and satisfies **ALL** requirements for graduation by the end of the student's third year in high school. Students who meet early graduation criteria are not considered Grade 12 until the end of the school year when final GPA and Ranking is calculated. Upon reclassification, a student who graduates in three years shall not displace a senior in class rank. Instead, the student shall be placed alongside the student in the senior class who holds a weighted numeric average that is closest to the early graduate candidate.

Additional Course Credit Options

CORRESPONDENCE COURSES

Correspondence courses may be taken for first time credit or credit recovery with approval from the home campus. Correspondence courses require a high level of individual commitment and must be completed within the timeframe listed by the provider institution. Students should speak with their school counselor for approval prior to registering for a correspondence course. All associated fees are the responsibility of the student and the student's guardian.

Credits to fulfill state graduation requirements may be granted for correspondence courses only under the following conditions:

1. The institutions offering the courses are the University of Texas at Austin, Texas Technological (TECH) University, or other public institutions of higher education approved by the Commissioner of Education.
2. Students may earn a maximum of three state-required credits through correspondence courses and may be enrolled in only one correspondence course at a time.
3. Grades earned from correspondence courses are not included in GPA calculations.

RECOVERY LAB

Students may repeat a course for credit recovery using C-FB approved software on the high school campus. Administrative approval is needed for a student to recover a credit. Grades earned for completing courses with District approved software shall not be computed for determining class rank. **Courses taken in recovery lab are not accepted for NCAA eligibility.**

SUMMER SCHOOL

Students may repeat any course offered in summer school when credit was not earned during the regular academic year. Students may take selected courses for acceleration according to summer school guidelines and administrative approval for foundation courses. There is an enrollment fee for summer school courses taken for acceleration. Course selection and enrollment is limited and contingent upon teacher availability.

Course selection and enrollment forms are available in the campus counselors' offices in the spring. Enrollment in any of CFB courses requires approval of the student's home campus, counselor, diagnostician, and/or principal.

Additional Guidelines:

- Dates, times, fees and locations of the CFB Summer School term are announced each spring.
- Registration for these courses is separate from regular school enrollment and is announced in the spring.

TEXAS VIRTUAL SCHOOL NETWORK

The TXVSN works in partnership with Texas public schools to provide students expanded opportunities to enroll in courses offered by Texas Education Agency-approved online course providers. Students interested in TXVSN courses should consult their school counselors for guidance.

The course catalog may be accessed at <https://catalog.mytxvsn.org/>.

All associated fees of TXVSN Catalog courses are the responsibility of the student and the student's guardian.

NIGHT SCHOOL PROGRAM

The district provides an opportunity for students to recover credit or earn credit in selected courses by attending evening classes. Courses follow a college course format of attending 2.5-3.5 hours per evening. There is an enrollment fee to attend the CFB Night School.

Additional Guidelines:

- Students may pick up their registration form from their school counselor; the form must be signed by the counselor for admittance to the program. The form may be available online.
- Students must attend each evening that the class is scheduled to earn credit. A student may be dropped after the second absence and tuition is not reimbursed.

CREDIT BY EXAMINATION

Carrollton-Farmers Branch ISD offers two types of Credits by Exam (CBE): Credit by Exam for acceleration and Credit by Exam for course recovery.

Credit by Exam for Acceleration

A student in any grades 6-12 can earn credit for a course in which he or she has had no prior instruction if the student scores:

- Three or higher on an approved AP exam
 - *Students with a qualifying AP score may earn up to a maximum of 4 years of high school credit in World Languages.
- Scale score of 60 or higher on CLEP exam
- Minimum score of 80% on approved CBE

If a student is given credit on the basis of an examination on which the student scored 80% or higher, the CBE score must be entered on the student's transcript and the student is not required to take an applicable STAAR End-of-Course assessment for that course.

If a student fails to earn credit by exam for a high school course before the beginning of the school year when the student would normally be expected to enroll in the course according to our district's course sequence, the student must satisfactorily complete the course in order to earn credit

Credit by Exam for Course Recovery

A student in any grade 6-12 may be given credit for an academic subject in which he or she had some prior instruction if the student earns a minimum score of 70%.

What is considered prior instruction?

- A course taken and completed (evident by a grade recorded on transcript) but credit was not awarded due to failing grade or absence failure.
- A course taken from a non-accredited school
- A course taken at an equivalent agency from another state
- A course taken from an accredited association recognized by the Commissioner of Education
- CBE for remediation is not accepted for NCAA eligibility.

Additional Guidelines for CBE:

- There is no charge for CBE for acceleration or credit recovery.
- Grades earned for taking Credit by Exam courses shall not be computed for determining class rank but do appear on the student transcript.
- A student may attempt to earn CBE for a specific high school course only two (2) times. Students who do not earn course credit on the first CBE must wait for a new testing window to reassess.
- Board approved Credit by Exams include University of Texas, Texas Tech, and Avant-STAMP.
- Students are expected to review the course study guides on the university websites prior to testing as some content areas, such as English Language Arts, have pre-exam activities or reading assignments that must be completed outside of the testing environment before taking the Credit by Exam.

TAC §74.24 states that CBE testing is scheduled a minimum of three days during each of the following calendar dates:

- January 1- March 31
- April 1-June 30
- July 1-September 30
- October 1-December 31

Scheduling Guidelines

COURSE SELECTION

Students select courses each year based on conversations with their school counselor and discussions with their parents. CFBISD encourages students to take courses that will challenge their thinking and offer the best opportunities for growth in areas of interest both personally and College/Career. Students should refer to their Personal Graduation Plan (PGP) and adjust it to meet the changing interests or offerings each year.

Course Descriptions are found in this High School Planning Guide and serve as a reference to help students select the most appropriate courses for graduation and their personal goals. Not all courses are offered at every campus and some courses listed may not be offered in a given year due to interest, teacher availability, or state curriculum changes.

SCHEDULE CHANGES

Changes in a schedule or a course may be made only on the published days before the start of the semester. Requests for schedule changes may be honored for the following reasons:

1. Error in scheduling;
2. Student failure in a prerequisite;
3. Change in program (athletics, band, choir, etc.); and
4. Level changes as recommended by teachers and counselor with parental knowledge and administrative approval.

Requests not meeting the listed reasons will not be considered. It should be understood that a schedule change to help balance a classroom enrollment will be done as needed. Appeals on schedule changes will not be heard beyond the building principal.

SENIOR OUT PERIOD CRITERIA

Students of the Carrollton-Farmers Branch Independent School District shall be enrolled during the designated daily attendance period and fulfill the following attendance requirements.

FRESHMEN, SOPHOMORES, AND JUNIORS

- Must be enrolled on campus for a full schedule
- No release time except as related to curriculum requirements.

SENIORS

- With parent permission and administrative approval, seniors may have one period out if they are on track for graduation
- Out periods for seniors are scheduled at the beginning and/or end of the school day. Students enrolled in Career & Technical Education Career Prep classes will receive additional release time to report to work.
- Out periods not related to curriculum are limited to one singular out period each semester.



Academic Offerings

ACADEMIES



Academies offer students an opportunity to experience a concentrated four-year curriculum in the areas of: biomedical professions; media arts and technology; international business, law and criminal justice; math, engineering, science and technology. In each of the academies, students are placed in internships and/or clinical rotations through cooperative education training placements in a business or field related to their career interest and some receive certification in certain areas. ECHS offers students the college-campus experience and the ability to earn an Associate's Degree while working toward their high school diploma with support from CFBISD teachers.

Common characteristics of all academies include:

- A small learning community of students with the same focus and similar goals
- College preparatory curriculum
- Partnership with employers, the community and local colleges
- A school within a high school
- A course of study designed for exploring specific careers

More information regarding CFBISD Academies can be found on our website.

<https://www.cfbisd.edu/departments/teaching-and-learning/curriculum-instruction/career-and-technical-education/academies>



Mary Grimes Education Center

Mary Grimes Education Center is an Alternative High School available to eligible students who choose to complete their high school graduation requirements in a non-traditional educational environment. Students complete credits through individualized self-paced computer instruction facilitated by a classroom teacher. Mary Grimes Education Center was established to reclaim students to the educational system who are at risk of dropping out of school or who have dropped out of school before completing high school graduation. Mary Grimes is also the home of the Moving on Up and Functional Skills Workshop programs that serve our 18+ special needs students in the district.



Bea Salazar Learning Center

Students are assigned to the Bea Salazar Learning Center (DAEP) from their local campus based upon disciplinary action.

Senate Bill 1, Chapter 37, as passed by the 74th Texas Legislature, establishes the following academic provisions for students placed into the disciplinary alternative education program: "Each school district shall provide an alternative education program that focuses on English Language Arts, mathematics, science, history, and self-discipline."

All DAEP students work under the direct supervision of a certified classroom teacher on individualized curriculum that correlates to the home campus curriculum. In addition, students are taught new ways of thinking and behaving to enhance their self-discipline.

NEWCOMER AND ESOL PROGRAM



The English as a Second Language program in Carrollton-Farmers Branch ISD follows the curriculum framework of the district. The purpose of English for Speakers of Other Languages (ESOL) is to instruct students who speak another language and have been identified to benefit from this program in the foundations of the English language.

The English Language Development and Acquisition course is designed to provide instructional opportunities for recent immigrant students with little or no English proficiency. Newcomers less than 12 months in U.S. schools who have scored at the limited English level of the state approved English oral language proficiency test will be enrolled in English Language Development and Acquisition (ELDA) while concurrently enrolling in ESOL I. ELDA will be issued as a local elective credit for each of the first two semesters. The development of communicative competence occurs through targeted lessons based on students' needs, with language proficiency as the focus of instruction. Both course offerings enable students to become increasingly more proficient in English in all four-language domains. Teachers validate students' native language and culture as a valuable resource and as a foundation to attain the target language by developing language, enriching vocabulary, and building literacy for newly arrived and Emergent Bilingual students.

SPECIAL EDUCATION PROGRAM



Special Education Services are available for eligible students in Carrollton-Farmers Branch ISD who have an identified disability and a need for specially designed instruction.

The campus Safety Net Acceleration Planning (SNAP) team can refer a student for a complete evaluation, at no cost to the parents, to determine if the student meets eligibility for special education services.

Carrollton-Farmers Branch provides a continuum of service options to assure that students with disabilities are successful.

SECTION 504, DYSLLEXIA AND RELATED DISORDERS

A 504 Plan lists accommodations related to the child's disability. A child may be eligible for accommodations under a 504 Plan if he or she has a physical or mental health disability that impacts one or more major life functions.



Dyslexia support programs in Carrollton-Farmers Branch I.S.D. have been designed to offer an educational option for both regular and special education students who exhibit primary difficulties in phonemic awareness, single-word decoding, reading, fluency, spelling, comprehension, and written expression and have an educational diagnosis of dyslexia.

Student screening, identification, placement, and monitoring procedures are designed to ensure that students receive the most appropriate support to address their identified needs. Screening for dyslexia may be initiated by teachers or by parents. Contact the dyslexia coordinator/support teacher at your child's campus.

ADVANCED ACADEMIC SERVICES / GIFTED AND TALENTED PROGRAMMING

Carrollton Farmers Branch ISD's gifted and talented programs are designed to challenge the advanced learner who demonstrates the need for an augmented curriculum. Typically, advanced students differ from their age peers in three important ways. First, they absorb information at a faster rate and process it very efficiently. Second, they are often able to comprehend information with greater depth than their classmates, showing greater insight and understanding. Third, they often have interests that are more typical of older children or even adults. These three learning differences are frequently enhanced by other complementary characteristics: independence, persistence, nonconformity, and motivation. For more information: cfbgifted.com

Advanced Learner Program/Leading Exceptional Academic Producers (LEAP)

At the high school level, Advanced Learners and LEAP students take AP Human Geography and AP World History in conjunction with their GT/Honors English curriculum in the 9th and 10th grade. Other opportunities include Honors, Advanced Placement, and OnRamps. Gifted students may also choose to apply to attend one of the academies offered: Biomedical Science, Media Arts and Technology, Math-Engineering-Science Technology (METSA), Law and Criminal Justice, or International Business Academies.

Referral

A student may be referred for gifted and talented screening by teachers, parents, administrators, counselors, students, and other members of the community who believe the student may qualify for gifted and talented services. Identification of students is conducted to determine which students require program alterations because of their unique educational needs.

**Referral forms may be obtained at the student's campus through the counselor's office.*

HONORS AND ADVANCED PLACEMENT (AP) COURSE OPTIONS

Honors courses prepare students to be successful in college level courses in English, mathematics, social studies, and science. They are intended to ensure that middle and high school students are taught the skills, concepts, and habits of mind needed for college.

Grades earned in courses with Honors weighting shall receive five (5) additional grade points in the calculation of the numeric weighted GPA.



The Advanced Placement Program (AP) allows students to take rigorous college level courses while still in high school. Students can choose to undertake college-level academic learning in a wide array of content areas: English, Math, Social Studies, Science, Fine Arts, and World Languages.

To show that they have mastered the advanced material, students participate in taking the AP exam for each course. Students can check with the college or university they plan to attend regarding their AP Exam credit qualification.

AP courses make substantial academic demands on students. Most courses are a full year in length. Students are required to do considerable outside reading and other assignments and to demonstrate the analytical skills and writing abilities expected of first year students in a strong college program. This experience helps students develop the intellectual skills and self-discipline they will need in college.

Grades earned in courses with AP academic weighting shall receive nine (9) additional grade points in the calculation of the weighted numeric GPA.

**Fees may be required for course materials or testing*



OnRamps is an innovative dual enrollment and professional development initiative led by The University of Texas at Austin. Founded in 2011 in partnership with the Texas Higher Education Leaders Consortium, OnRamps is dedicated to preparing high school students for postsecondary student success.

How OnRamps Works

1. OnRamps students are enrolled in a yearlong high school course facilitated by a high school teacher who is trained and certified by OnRamps to teach the course on their local campus.
2. During the first half of the course, OnRamps students complete a series of required assignments that are designated by an Instructor of Record at the university to determine eligibility to be dually enrolled in the university course.
3. Students who successfully complete the high school version of the course receive credit from their local high school. In addition, students who successfully complete the spring college course receive three core credits from The University of Texas at Austin guaranteed to transfer to any public college or university in Texas.

Grades earned in courses with UT OnRamps academic weighting shall receive nine (9) additional grade points in the calculation of the weighted numeric GPA.

**Fees may be required for course materials or enrollment*

Courses Available for OnRamps Credit

Course availability determined by each campus.

College Subject Area	OnRamps Course Name	UT Course ID	College Credit Earned	CFBISD Credit Equivalent	CFB Local ID	High School Credit Earned
History	US History	HIS 315K & HIS 315L	3 & 3	US History	7612	1
Science - Physics	Physics I	PHYS 302K	3	Physics I	6657	1
Science - GeoSciences	Earth Wind & Fire	GEO 302E	3	Earth Science	6647	1



Dual credit courses are defined as courses in which students may receive both high school and college course credit provided the courses meet both district and college guidelines. Concurrent enrollment means that the student is taking a college course for college credit while the student is still in high school.

Dallas College welcomes students who meet the criteria for dual and concurrent enrollment. Students enrolling in dual and concurrent credit courses must make certain that they follow established enrollment procedures and pay applicable fees for textbooks and other supplies. Contact your high school counselor to begin the enrollment process. Proof of credit earned may be needed if a course is taken outside the usual agreement.

Information from Dallas College about Dual Credit can be found at this link:
<https://www.dcccd.edu/high-school-students/dual-credit/pages/default.aspx>

Students should consult their school counselors regarding dual credit course options and enrollment as this is subject to change from time of printing. The following courses may be taken at CFBISD high school or through Dallas College campuses for dual credit purposes.

**Fees may be required for course materials or testing*

In the table below, the Acceptable column indicates which students may earn dual credit for the course listed. All is any of the 5 campuses, Com is 4 comprehensive campuses, and ECHS is only ECHS.

Courses Available for Dual Credit

College Subject Area	Dallas College Course Name	Dallas College Course ID	College Credit Hours Earned	Acceptable for All Campuses, Comprehensive Only, or ECHS Only	CFBISD Course Name	CFB Course ID	High School Credit Earned
Business	Introduction to Accounting I	ACNT 1303	3	All	Accounting 1 Part 1	8281D	0.5
Business	Introduction to Accounting II	ACNT 1304	3	All	Accounting 1 Part 2	8281D	0.5
Business	Introduction to Computerized Accounting	ACNT 1311	3	All	Accounting 2 Part 1	8282D	0.5
Business	Principles of Financial Accounting	ACCT 2301	3	All	Accounting 2 Part 2	8282D	0.5
Business	Principles of Management	BMGT 1327	3	All	Business Management	8269	1
Business	Personal Finance	BUSI 1307	3	All	Money Matters	8341D	1
Communications	Composition 1	ENGL 1301	3	All	English 3 Part 1	1210D	0.5
Communications	Composition 2	ENGL 1302	3	All	English 3 Part 2	1210D	0.5
Communications	Technical and Business Writing	ENGL 2311	3	All	Research/Technical Writing	1322	0.5

Communications	British Literature	ENGL 2322	3	All	English 4 Part 1	1310D	0.5
Communications	World Literature	ENGL 2332	3	All	English 4 Part 2	1310D	0.5
Communications	Fundamentals of Public Speaking	SPCH 1315	3	All	Professional Communication	8300D	0.5
Communications	Public Speaking	SPCH 1315	3	All	Professional Communications	B262	0.5
Fine Arts	Art Appreciation	ARTS 1301	3	All	Art 1 - Art Appreciation	2511D	1
Fine Arts	Music Appreciation	MUSI 1306	3	All	Music Appreciation I	B226	1
Languages	Beginning Chinese I	CHIN 1411	4	All	Chinese (Mandarin) I	3901	1
Languages	Beginning Chinese II	CHIN 1412	4	All	Chinese (Mandarin) II	3902	1
Languages	Intermediate Chinese I	CHIN 2311	3	All	Chinese (Mandarin) III	3903	1
Languages	Intermediate Chinese II	CHIN 2312	3	All	Chinese (Mandarin) IV	3904	1
Languages	Beginning French I	FREN 1411	4	All	French I	3604	1
Languages	Beginning French II	FREN 1412	4	All	French II	3605	1
Languages	Intermediate French I	FREN 2311	3	All	French III	3606	1
Languages	Intermediate French II	FREN 2312	3	All	French IV	B314	1
Languages	Beginning German I	GERM 1411	4	All	German I	3700	1
Languages	Beginning German II	GERM 1412	4	All	German II	3701	1
Languages	Intermediate German I	GERM 2311	3	All	German III	3702	1
Languages	Intermediate German II	GERM 2312	3	All	German IV	3703	1
Languages	Beginning Japanese I	JAPN 1411	4	All	Japanese I	3750	1
Languages	Beginning Japanese II	JAPN 1412	4	All	Japanese II	3751	1
Languages	Intermediate Japanese I	JAPN 2311	3	All	Japanese III	3752	1
Languages	Intermediate Japanese II	JAPN 2312	3	All	Japanese IV	3753	1
Languages	Beginning Korean I	KORE 1411	4	All	Korean I	3740	1
Languages	Beginning Korean II	KORE 1412	4	All	Korean II	3741	1

Languages	Intermediate Korean I	KORE 2311	3	All	Korean III	3742	1
Languages	Intermediate Korean II	KORE 2312	3	All	Korean IV	3743	1
Languages	Beginning American Sign Language I	SGNL 1301	3	All	American Sign Language I	3401	1
Languages	Beginning American Sign Language II	SGNL 1302	3	All	American Sign Language II	3402	1
Languages	Intermediate American Sign Language I	SGNL 2301	3	All	American Sign Language III	3403	1
Languages	Intermediate American Sign Language II	SGNL 2302	3	All	American Sign Language IV	3404	1
Languages	Beginning Spanish I	SPAN 1411	4	All	Spanish I	3808	1
Languages	Beginning Spanish II	SPAN 1412	4	All	Spanish II	3810	1
Languages	Intermediate Spanish I	SPAN 2311	3	All	Spanish III	3820	1
Languages	Intermediate Spanish II	SPAN 2312	3	All	Spanish IV	3821	1
Mathematics	College Algebra	MATH 1314	3	All	College Algebra	4783D	1
Mathematics	Plane Trigonometry	MATH 1316	3	All	Trigonometry	4793	1
Mathematics	Contemporary Mathematic (Quantitative Reasoning)	MATH 1332	3	All	Advanced Quantitative Reasoning	4796	1
Mathematics	Pre-calculus Math	MATH 2412	3	All	Pre-calculus	4769	1
Mathematics	Calculus III	MATH 2415	4	All	Calculus 3	4782	1
Mathematics	Differential Equations	MATH 2420	3	All	Differential Equations	4784	1
Mathematics	Advertising and Sales Promotion	MRKG 2349	3	All	Advertising	8284	0.5
Science	Human Anatomy & Physiology I	BIOL 2401	4	All	Anatomy & Physiology	6637D	1
Science	College Physics I	PHYS 1401	4	All	Scientific Research and Design Independent Study (Physics I)	8257	1
Science	College Physics II	PHYS 1402	4	All	Scientific Research and Design Independent Study (Physics 2)	8258	1
Science	Nursing Pathophysiology	RNSG 1311	3	All	Pathophysiology	8338	1
Social Studies	Introduction to Criminal Justice	CRIJ 1301	3	All	Court Systems and Practices Part 1	8150D	0.5
Social Studies	Court Systems & Practices	CRIJ 1306	3	All	Court Systems and Practices Part 2	8150D	0.5

Social Studies	Crime In America	CRIJ 1307	3	All	Correctional Services	8151D	1
Social Studies	Fundamentals of Criminal Law	CRIJ 1310	3	All	Criminal Investigation	8147D	1
Social Studies	Principles of Economics I - Macroeconomics	ECON 2301	3	All	Macroeconomics (Free Enterprise)	7404D	0.5
Social Studies	Principles of Economics II - Microeconomics	ECON 2302	3	All	Microeconomics	7402D	0.5
Social Studies	American (Federal) Government	GOVT 2305	3	All	Government	7317D	0.5
Social Studies	World Civilizations I	HIST 2321	3	All	World History Part 1	7911	0.5
Social Studies	World Civilizations II	HIST 2322	3	All	World History Part 2	7911	0.5
Social Studies	Introduction to Ethics	PHIL 2306	3	All	Business Law Part 1	8265	0.5
Social Studies	Introduction to Psychology	PSYC 2301	3	All	Psychology	7203D	0.5
Social Studies	Lifespan Growth and Development	PSYC 2314	3	All	Human Growth and Development	8274	1
Social Studies	Introduction to Sociology	SOCI 1301	3	All	Sociology	7201D	0.5
Social Studies	Race, Ethnicity, & Community	SOCI 2319	3	All	Sociology	7201D	0.5
Technology	Introduction to Computing	COSC 1301	3	All	Business Information Management I	8263	1
Technology	Basic Computer Aided Drafting	DFTG 1309	3	All	Introduction to Engineering Design	8253	1
Technology	Parametric Modeling and Design	DFTG 1345	3	All	Engineering Science	8260	1
Technology	Advanced Computer-Aided Drafting	DFTG 2332	3	All	Computer Integrated Manufacturing	8251	1
Technology	Engineering Graphics I	ENGR 1304	3	All	Engineering Design and Presentation Part 1	8254	0.5
Technology	Programming for Engineers	ENGR 2304	3	All	Engineering Design and Presentation Part 2	8254	0.5
Technology	Web Design I	IMED 1416	4	All	Web Design 1 (Web Design)	8175D	1
Technology	Fundamentals of Networking Technologies	ITNW 1425	4	All	Networking	8178	1
Technology	Introduction to Presentation Graphics Software	ITSW 1410	4	All	Digital Media	8174	1
Business	Business Computer Applications	BCIS 1405	4	COMP	Business Information Management I	8263D	1
EMT	EMSP 1164 Practicum - EMT	EMSP 1164	1	COMP	Practicum in Health Science – EMT	8234	2

EMT	EMSP 1305 Emergency Care Attendant	EMSP 1305	3	COMP	Practicum in Health Science – EMT	8234	2
EMT	EMSP 1391 Special Topics in EMT	EMSP 1391	3	COMP	Practicum in Health Science – EMT	8234	2
EMT	Emergency Medical Technician	EMSP 1501	5	COMP	EMT Basic	8237	2
Social Studies	Cybercrimes	CJSA 1330	3	COMP	Foundations of Cybersecurity	8408D	1
Social Studies	Ethics in Criminal Justice	CJSA 1348	3	COMP	Ethics in Criminal Justice	8146D	1
Social Studies	Special Topics in Criminal Justice	CJSA 1393	3	COMP	Correctional Services Part 1	8151D	0.5
Social Studies	Contemporary Issues in Criminal Justice	CJSA 2334	3	COMP	Correctional Services Part 2	8151D	0.5
Technology	Introduction to PC Operating Systems	ITSC 1405	3	COMP	Computer Science 1	8401D	1
Business	Personal Finance	BUSI 1307	3	ECHS	Personal Financial Literacy (<i>not the Economics version</i>)	B830	0.5
Communications	Composition 1	ENGL 1301	3	ECHS	English 3 Part 1	B100	0.5
Communications	Composition 2	ENGL 1302	3	ECHS	English 3 Part 2	B100	0.5
Communications	British Literature 1	ENGL 2322	3	ECHS	English 4 Part 1	B102	0.5
Communications	World Literature	ENGL 2332	3	ECHS	English 4 Part 2	B102	0.5
Communications	Introduction to Speech Communications	SPCH 1311	3	ECHS	Communications Applications	B260	0.5
Fine Arts	Art Appreciation	ARTS 1301	3	ECHS	Art 1 - Art Appreciation	B200	1
Fine Arts	Piano I	MUSI 1181	1	ECHS	Music I - Piano 1	B220	1
Fine Arts	Piano II	MUSI 1182	1	ECHS	Music I - Piano 2	B221	1
Fine Arts	Guitar I	MUSI 1192	1	ECHS	Music I - Guitar 1	B224	1
Languages	Beginning French I	FREN 1411	4	ECHS	French I	B308	1
Languages	Beginning French II	FREN 1412	4	ECHS	French II	B310	1
Languages	Intermediate French I	FREN 2311	3	ECHS	French III	B312	1
Languages	Intermediate French II	FREN 2312	3	ECHS	French IV	B314	1
Languages	Beginning German I	GERM 1411	4	ECHS	German I	B326	1
Languages	Beginning German II	GERM 1412	4	ECHS	German II	B327	1

Languages	Intermediate German I	GERM 2311	3	ECHS	German III	B328	1
Languages	Intermediate German II	GERM 2312	3	ECHS	German IV	B329	1
Languages	Beginning Japanese I	JAPN 1411	4	ECHS	Japanese I	B330	1
Languages	Beginning Japanese II	JAPN 1412	4	ECHS	Japanese II	B331	1
Languages	Intermediate Japanese I	JAPN 2311	3	ECHS	Japanese III	B332	1
Languages	Intermediate Japanese II	JAPN 2312	3	ECHS	Japanese IV	B333	1
Languages	Beginning Korean I	KORE 1411	4	ECHS	Korean I	B320	1
Languages	Beginning Korean II	KORE 1412	4	ECHS	Korean II	B321	1
Languages	Intermediate Korean I	KORE 2311	3	ECHS	Korean III	B322	1
Languages	Intermediate Korean II	KORE 2312	3	ECHS	Korean IV	B323	1
Languages	Beginning American Sign Language I	SGNL 1301	3	ECHS	American Sign Language I	B316	1
Languages	Beginning American Sign Language II	SGNL 1302	3	ECHS	American Sign Language II	B317	1
Languages	Intermediate American Sign Language I	SGNL 2301	3	ECHS	American Sign Language III	B318	1
Languages	Beginning Spanish I	SPAN 1411	4	ECHS	Spanish I	B300	1
Languages	Beginning Spanish II	SPAN 1412	4	ECHS	Spanish II	B302	1
Languages	Intermediate Spanish I	SPAN 2311	3	ECHS	Spanish III	B304	1
Languages	Intermediate Spanish II	SPAN 2312	3	ECHS	Spanish IV	B305	1
Mathematics	College Algebra	MATH 1314	3	ECHS	College Algebra	B406	1
Mathematics	Plane Trigonometry	MATH 1316	3	ECHS	Trigonometry	B408	1
Mathematics	Mathematics for Business and Social Sciences	MATH 1324	3	ECHS	Mathematics for Business and Social Sciences	B400	1
Mathematics	Calculus for Business and Social Sciences	MATH 1325	3	ECHS	Calculus for Business and Social Sciences	B413	1
Mathematics	Contemporary Mathematics (Quantitative Reasoning)	MATH 1332	3	ECHS	Contemporary Math (Advanced Quantitative Reasoning)	B402	1
Mathematics	Elementary Statistics	MATH 1342	3	ECHS	Elementary Statistics	B404	1
Mathematics	Pre-Calculus Math	MATH 2412	4	ECHS	Pre-Calculus	B410	1

Mathematics	Calculus I	MATH 2413	4	ECHS	Independent Study in Calculus I (Pre-Calculus)	B411	1
Mathematics	Calculus II	MATH 2414	4	ECHS	Independent Study in Calculus II	B412	1
Other Elective	Learning Frameworks	EDUC 1300	3	ECHS	College Readiness and Study Skills	B991	0.5
Phys-Health	Introduction to Physical Fitness and Wellness	PHED 1164	3	ECHS	Lifetime Fitness and Wellness Pursuits	B560	1
Phys-Health	Health for Today	PHED 1304	3	ECHS	Health	B500	0.5
Science	Biology for Science Majors I	BIOL 1406	4	ECHS	Biology for Majors Part 1	B602	0.5
Science	Biology for Science Majors II	BIOL 1407	4	ECHS	Biology for Majors Part 2	B602	0.5
Science	Biology for Non-Science Majors I	BIOL 1408	4	ECHS	Biology for Non-Science Majors Part 1	B600	0.5
Science	Biology for Non-Science Majors II	BIOL 1409	4	ECHS	Biology for Non-Science Majors Part 2	B600	0.5
Science	Human Anatomy & Physiology II	BIOL 2402	4	ECHS	Anatomy & Physiology	B608	1
Science	Introductory Chemistry I	CHEM 1405	4	ECHS	Chemistry	B610	1
Science	General Chemistry I	CHEM 1411	4	ECHS	General Chemistry Part 1	B612	1
Science	General Chemistry II	CHEM 1412	4	ECHS	General Chemistry Part 2	B612	1
Science	Earth Science I	GEOL 1401	4	ECHS	Earth and Space Science Part 1	B630	0.5
Science	Earth Science II	GEOL 1402	4	ECHS	Earth and Space Science Part 2	B630	0.5
Science	College Physics I	PHYS 1401	4	ECHS	Physics Part 1	B620	0.5
Science	College Physics II	PHYS 1402	4	ECHS	Physics Part 2	B620	0.5
Social Studies	Introduction to Criminal Justice	CRIJ 1301	3	ECHS	Intro to Criminal Justice Principles of Law, Public Safety, & Security)	B723	1
Social Studies	Crime in America	CRIJ 1307	3	ECHS	Correctional Services	B726	1
Social Studies	Principles of Economics I - Macroeconomics	ECON 2301	3	ECHS	Macroeconomics (Free Enterprise)	B710	0.5
Social Studies	Principles of Economics II - Microeconomics	ECON 2302	3	ECHS	Microeconomics	B711	0.5
Social Studies	Federal Government	GOVT 2305	3	ECHS	US Government (ECHS Only)	B714	0.5
Social Studies	Texas Government	GOVT 2306	3	ECHS	Texas Government (ECHS Only)	B712	0.5
Social Studies	United States History I	HIST 1301	3	ECHS	US History A	B702	0.5

Social Studies	United States History II	HIST 1302	3	ECHS	US History B	B702	0.5
Social Studies	World Civilizations I	HIST 2321	3	ECHS	World History Part 1	B704	0.5
Social Studies	World Civilizations II	HIST 2322	3	ECHS	World History Part 2	B704	0.5
Social Studies	Intro to Philosophy	PHIL 1301	3	ECHS	Intro to Philosophy	B730	0.5
Social Studies	Intro to World Religions	PHIL 1304	3	ECHS	Intro to World Religions (Special Topics in Social Studies Second Time)	B732	0.5
Social Studies	Intro to Ethics	PHIL 2306	3	ECHS	Intro to Ethics (Business Law)	B740	0.5
Social Studies	Introduction to Psychology	PSYC 2301	3	ECHS	Psychology	B722	0.5
Social Studies	Lifespan Growth and Development	PSYC 2314	3	ECHS	Human Growth and Development	B721	1
Social Studies	Introduction to Sociology	SOCI 1301	3	ECHS	Sociology	B720	0.5
Technology	Introduction to Computing	COSC 1301	3	ECHS	Business Information Management I	B800	1
Technology	Introduction to Engineering	ENGR 1201	2	ECHS	Introduction to Engineering (Intro to Engineering Design)	B804	1
Technology	Engineering Graphics I	ENGR 1304	3	ECHS	Engineering Graphics 1 (Engineering Design and Presentation Sem A)	B803	0.5
Technology	Programming for Engineers	ENGR 2304	3	ECHS	Programming for Engineers (Engineering Design and Presentation Sem B)	B803	0.5
Technology	Web Design 1	IMED 1416	4	ECHS	Web Design 1 (Web Design)	B808	1
Technology	Fundamentals of Networking Technologies	ITNW 1425	4	ECHS	Fundamentals of Networking Technologies (Networking)	B810	1
Technology	Introduction to Presentation Graphics Software	ITSW 1410	4	ECHS	Introduction to Presentation Graphics Software (Digital Media)	B812	1

UIL ELIGIBILITY ADVANCED CLASSES

According to SB 1517 and Section 33.081 of the Texas Education Code, students enrolled in identified advanced courses including *Honors*, *Advanced Placement (AP)*, *International Baccalaureate*, *Dual Credit* and *Dual Enrollment* are eligible for exemption from the state's No-Pass, No-Play policy. Additionally, local school boards are authorized to identify and approve a listing of such "advanced" courses and set the exemption standard students must meet to retain UIL eligibility.

The courses listed below have been identified as "advanced" by the CFBISD Board. Dual credit courses listed in the chart under that heading in this High School Planning Guide are also identified in CFBISD as advanced courses and fall under these guidelines.

Students earning grades between 60-69 at the end of an evaluation period can retain UIL eligibility. Students earning grades below 60 can retain UIL eligibility if they meet the following standards:

1. Has been attending tutorials with the teacher
2. Is in good standing with the Teacher/not a behavior problem/turns in work regularly
3. Principal declares the student in good standing, sees the student is really trying and it is in the best interest of the student to declare him/her eligible.

English I Honors & GT/Honors
English II Honors & GT/Honors
English III AP English Language & Composition
English IV AP English Literature & Composition

Geometry Honors
Algebra II Honors
College Algebra/Trig
Pre-Calculus Honors
AP Pre-Calculus
AP Calculus AB & BC
AP Statistics

Biology Honors
AP Biology
Chemistry Honors
AP Chemistry
Physics OnLevel & Honors
AP Physics 1 Algebra Based
AP Physics 2 Algebra Based
AP Physics C Electricity & Magnetism
AP Physics C Mechanics
UT On Ramps Physics
UT OnRamps Earth Wind Fire
AP Environmental Science
Anatomy and Physiology

World Geography Honors
AP & GT/AP Human Geography
World History Honors
AP & GT/AP World History
US History Honors
AP U.S. History
UT On Ramps U.S. History
AP Economics Macro & Micro
AP Government
AP Psychology
Honors Psychology
AP European History

AP Computer Science I-A
AP Computer Science Principles
Computer Science
Technology Applications
Independent Study
Academy AP Computer Science I

Principles of Biosciences
Biotechnical Engineering
Civil Engineering and Architecture
Introduction to Engineering Design
Principles of Applied Engineering
Digital Electronics
Engineering Design and Presentation
Engineering Design and Problem Solving
Robotics I
Robotics II

French III Honors
AP French Language
AP French Literature
Japanese III Honors
AP Japanese Language
AP Japanese Literature
Korean III Honors
Korean IV Honors
Spanish III Honors & Spanish Speakers III Honors
Spanish IV Honors & Spanish Speakers IV Honors
Spanish V Honors & Spanish Speakers V Honors
AP Spanish Language
AP Spanish Literature
Chinese III Honors
AP Chinese Language

AP Art History
AP Studio Art/2-D Design Portfolio
AP Studio Art/3-D Design Portfolio
AP Studio Art/Drawing Portfolio
AP Music Theory

Texas Education Agency (TEA) Information

PROGRAMS OF STUDY

The CFB Programs of Study initiative is designed to help students plan for their future. The pathways concept is incorporated and aligned into our personal graduation planning process. The Texas CTE initiative helps students develop a personal graduation plan that connects career interests with secondary and postsecondary education. This process helps make education more relevant and encourages students to remain in school and graduate college and/or workforce ready. A major goal of the district is to ensure relevancy and integrate meaning into the delivery of core skills in math, science, social studies, and English.

The district has adopted all 14 of the Texas Education Agency's (TEA) Career Clusters which are organized around broad career fields. With the help of career assessments, careful consideration and discussion, each student can identify specific career pathways that match their interests and desired skills. When one or more pathways appears interesting, students should look carefully at the possible degrees, careers and working conditions associated with these area(s).



All of the identified career pathways include challenging, relevant courses that provide roadmaps to future career goals. Additionally, because all students take a “core” of academic courses, career paths overlap enough to allow the flexibility to change pathways if interests change or new knowledge and skills are acquired.

The curriculum associated with Texas CTE Career Clusters includes broad areas of study that are flexible enough to allow students to change as they acquire new knowledge and experiences. Using each student's individual interests and aptitudes, identified in the 8th grade, parents, counselors, teachers, or other district professionals can help students develop a personal graduation plan.

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/approved-cte-programs-of-study>

NCAA Information

The National Collegiate Athletic Association (NCAA) is an organization dedicated to providing a pathway to opportunity for college athletes. Additional information regarding how to plan for participation in collegiate athletics can be found at http://fs.ncaa.org/Docs/eligibility_cnter/Student_Resources/CBSA.pdf

DIVISION I FACT SHEET

DIVISION I ACADEMIC STANDARDS

Division I schools require college-bound student-athletes to meet academic standards for NCAA-approved core courses, core-course GPA and test scores. To be eligible to practice, compete and receive an athletics scholarship in your first full-time year at a Division I school, you must meet all of the following requirements:

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



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



3. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
4. Earn a corresponding test score that matches your core-course GPA (minimum 2.0) on the Division I sliding scale (see page 33).
More information regarding the impact of COVID-19 and test scores can be found at fs.ncaa.org/Docs/COVID19_Spring2023.

5. Submit your final transcript with proof of graduation to the Eligibility Center.

How to plan your high school courses to meet the 16 core-course requirement: **4 x 4 = 16**

9 th GRADE	10 th GRADE	11 th GRADE	12 th GRADE
(1) English (1) Math (1) Science (1) Social Science and/or additional	(1) English (1) Math (1) Science (1) Social Science and/or additional	(1) English (1) Math (1) Science (1) Social Science and/or additional	(1) English (1) Math (1) Science (1) Social Science and/or additional
4 CORE COURSES	4 CORE COURSES	4 CORE COURSES	4 CORE COURSES

COURSES TAKEN AFTER HIGH SCHOOL

For Division I, only courses completed in your first eight semesters will be used in your academic certification. If you graduate from high school on time (in eight semesters) with your incoming ninth-grade class, you may use one core-course unit completed in the year after graduation (a minor or academic year) and/or a course completed at any college or university. You may complete the core course at a location other than the high school from which you graduated as long as the course is taken prior to full-time enrollment at any college or university. A college course taken after high school graduation may be used toward your initial eligibility and awarded 0.5 units from

your college transcript (unless awarded one full unit on your home high school transcript). It must appear on your home high school transcript with grade and credit.

An additional core-course unit taken after on-time high school graduation cannot replace a course used to meet the core-course progression (COP) requirement, but an additional core-course unit taken after on-time graduation may replace one of the remaining six core-course units necessary to meet core-course requirements. For more information on the impact of COVID-19 and core-course eligibility requirements, visit fs.ncaa.org/Docs/COVID19_Spring2023.

DIVISION I SLIDING SCALE

Division I uses a sliding scale to match your test score(s) and core-course GPA to determine eligibility. The sliding scale balances your test score with your core-course GPA. Find more information about test scores on page 16 or visit fs.ncaa.org/Docs/COVID19_Spring2023. More information regarding the impact of COVID-19 and test scores can be found at fs.ncaa.org/Docs/COVID19_Spring2023.

DIVISION I QUALIFIER SLIDING SCALE			
Core Course GPA	SAT ¹	ACT ²	Test Score
3.950	1200	37	32
3.925	1190	36	31
3.900	1180	35	30
3.875	1170	34	29
3.850	1160	33	28
3.825	1150	32	27
3.800	1140	31	26
3.775	1130	30	25
3.750	1120	29	24
3.725	1110	28	23
3.700	1100	27	22
3.675	1090	26	21
3.650	1080	25	20
3.625	1070	24	19
3.600	1060	23	18
3.575	1050	22	17
3.550	1040	21	16
3.525	1030	20	15
3.500	1020	19	14
3.475	1010	18	13
3.450	1000	17	12
3.425	990	16	11
3.400	980	15	10
3.375	970	14	9
3.350	960	13	8
3.325	950	12	7
3.300	940	11	6
3.275	930	10	5
3.250	920	9	4
3.225	910	8	3
3.200	900	7	2
3.175	890	6	1
3.150	880	5	0
3.125	870	4	-1
3.100	860	3	-2
3.075	850	2	-3
3.050	840	1	-4
3.025	830	0	-5
3.000	820	-1	-6
2.975	810	-2	-7
2.950	800	-3	-8
2.925	790	-4	-9
2.900	780	-5	-10
2.875	770	-6	-11
2.850	760	-7	-12
2.825	750	-8	-13
2.800	740	-9	-14
2.775	730	-10	-15

SLIDING SCALE FOR THE COLLEGE-BOUND STUDENT-ATHLETE

DIVISION II FACT SHEET

DIVISION II ACADEMIC STANDARDS

Division II schools require college-bound student-athletes to meet academic standards for NCAA-approved core courses, core-course GPA and test scores. To be eligible to practice, compete and receive an athletics scholarship in your first full-time year at a Division II school, you must meet all of the following requirements:

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



2. Earn a corresponding test score that matches your core-course GPA (minimum 2.0) on the Division II qualifier sliding scale (see page 36). More information regarding the impact of COVID-19 and test scores can be found at fs.ncaa.org/Docs/COVID19_Spring2023.

3. Submit your final transcript with proof of graduation to the NCAA Eligibility Center.

Student-athletes enrolling at an NCAA member school Aug. 1, 2021, or later who do not meet Division II qualifier standards will be deemed partial qualifiers. All Division II partial qualifiers may practice and receive an athletics scholarship, but may NOT compete during their first year of full-time enrollment at a Division II school.



DIVISION II SLIDING SCALE

Division II uses a sliding scale to match your test score(s) and core-course GPA to determine eligibility. The sliding scale balances your test score with your core-course GPA. Find more information about test scores on page 16 or visit fs.ncaa.org/Docs/COVID19_Spring2023. More information regarding the impact of COVID-19 and test scores can be found at fs.ncaa.org/Docs/COVID19_Spring2023.

DIVISION II QUALIFIER SLIDING SCALE			
Core Course GPA	SAT ¹	ACT ²	Test Score
3.950 & above	1200	37	32
3.925	1190	36	31
3.900	1180	35	30
3.875	1170	34	29
3.850	1160	33	28
3.825	1150	32	27
3.800	1140	31	26
3.775	1130	30	25
3.750	1120	29	24
3.725	1110	28	23
3.700	1100	27	22
3.675	1090	26	21
3.650	1080	25	20
3.625	1070	24	19
3.600	1060	23	18
3.575	1050	22	17
3.550	1040	21	16
3.525	1030	20	15
3.500	1020	19	14
3.475	1010	18	13
3.450	1000	17	12
3.425	990	16	11
3.400	980	15	10
3.375	970	14	9
3.350	960	13	8
3.325	950	12	7
3.300	940	11	6
3.275	930	10	5
3.250	920	9	4
3.225	910	8	3
3.200	900	7	2
3.175	890	6	1
3.150	880	5	0
3.125	870	4	-1
3.100	860	3	-2
3.075	850	2	-3
3.050	840	1	-4
3.025	830	0	-5
3.000	820	-1	-6
2.975	810	-2	-7
2.950	800	-3	-8
2.925	790	-4	-9
2.900	780	-5	-10
2.875	770	-6	-11
2.850	760	-7	-12
2.825	750	-8	-13
2.800	740	-9	-14
2.775	730	-10	-15
2.750	720	-11	-16
2.725	710	-12	-17
2.700	700	-13	-18
2.675	690	-14	-19
2.650	680	-15	-20
2.625	670	-16	-21
2.600	660	-17	-22
2.575	650	-18	-23
2.550	640	-19	-24
2.525	630	-20	-25
2.500	620	-21	-26
2.475	610	-22	-27
2.450	600	-23	-28
2.425	590	-24	-29
2.400	580	-25	-30
2.375	570	-26	-31
2.350	560	-27	-32
2.325	550	-28	-33
2.300	540	-29	-34
2.275	530	-30	-35
2.250	520	-31	-36
2.225	510	-32	-37
2.200	500	-33	-38
2.175	490	-34	-39
2.150	480	-35	-40
2.125	470	-36	-41
2.100	460	-37	-42
2.075	450	-38	-43
2.050	440	-39	-44
2.025	430	-40	-45
2.000	420	-41	-46
1.975	410	-42	-47
1.950	400	-43	-48
1.925	390	-44	-49
1.900	380	-45	-50
1.875	370	-46	-51
1.850	360	-47	-52
1.825	350	-48	-53
1.800	340	-49	-54
1.775	330	-50	-55
1.750	320	-51	-56
1.725	310	-52	-57
1.700	300	-53	-58
1.675	290	-54	-59
1.650	280	-55	-60
1.625	270	-56	-61
1.600	260	-57	-62
1.575	250	-58	-63
1.550	240	-59	-64
1.525	230	-60	-65
1.500	220	-61	-66
1.475	210	-62	-67
1.450	200	-63	-68
1.425	190	-64	-69
1.400	180	-65	-70
1.375	170	-66	-71
1.350	160	-67	-72
1.325	150	-68	-73
1.300	140	-69	-74
1.275	130	-70	-75
1.250	120	-71	-76
1.225	110	-72	-77
1.200	100	-73	-78
1.175	90	-74	-79
1.150	80	-75	-80
1.125	70	-76	-81
1.100	60	-77	-82
1.075	50	-78	-83
1.050	40	-79	-84
1.025	30	-80	-85
1.000	20	-81	-86
0.975	10	-82	-87
0.950	0	-83	-88
0.925	-10	-84	-89
0.900	-20	-85	-90
0.875	-30	-86	-91
0.850	-40	-87	-92
0.825	-50	-88	-93
0.800	-60	-89	-94
0.775	-70	-90	-95
0.750	-80	-91	-96
0.725	-90	-92	-97
0.700	-100	-93	-98
0.675	-110	-94	-99
0.650	-120	-95	-100
0.625	-130	-96	-101
0.600	-140	-97	-102
0.575	-150	-98	-103
0.550	-160	-99	-104
0.525	-170	-100	-105
0.500	-180	-101	-106
0.475	-190	-102	-107
0.450	-200	-103	-108
0.425	-210	-104	-109
0.400	-220	-105	-110
0.375	-230	-106	-111
0.350	-240	-107	-112
0.325	-250	-108	-113
0.300	-260	-109	-114
0.275	-270	-110	-115
0.250	-280	-111	-116
0.225	-290	-112	-117
0.200	-300	-113	-118
0.175	-310	-114	-119
0.150	-320	-115	-120
0.125	-330	-116	-121
0.100	-340	-117	-122
0.075	-350	-118	-123
0.050	-360	-119	-124
0.025	-370	-120	-125
0.000	-380	-121	-126
-0.025	-390	-122	-127
-0.050	-400	-123	-128
-0.075	-410	-124	-129
-0.100	-420	-125	-130
-0.125	-430	-126	-131
-0.150	-440	-127	-132
-0.175	-450	-128	-133
-0.200	-460	-129	-134
-0.225	-470	-130	-135
-0.250	-480	-131	-136
-0.275	-490	-132	-137
-0.300	-500	-133	-138
-0.325	-510	-134	-139
-0.350	-520	-135	-140
-0.375	-530	-136	-141
-0.400	-540	-137	-142
-0.425	-550	-138	-143
-0.450	-560	-139	-144
-0.475	-570	-140	-145
-0.500	-580	-141	-146
-0.525	-590	-142	-147
-0.550	-600	-143	-148
-0.575	-610	-144	-149
-0.600	-620	-145	-150
-0.625	-630	-146	-151
-0.650	-640	-147	-152
-0.675	-650	-148	-153
-0.700	-660	-149	-154
-0.725	-670	-150	-155
-0.750	-680	-151	-156
-0.775	-690	-152	-157
-0.800	-700	-153	-158
-0.825	-710	-154	-159
-0.850	-720	-155	-160
-0.875	-730	-156	-161
-0.900	-740	-157	-162
-0.925	-750	-158	

Sample High School Four-Year Plan Worksheet

This four-year plan worksheet is intended to give you and your parent(s) a guide to use as you progress through high school. Review the plan each year to ensure you are taking the required courses for graduation. Consult your counselor for the Career and Technical Education (CTE) Programs of Study offered for each of the endorsements on this page. You may use the CTE Programs of Study and College, Career and Military Readiness (CCMR) indicators to help you select courses that support your college and career goals.

After high school, I plan to:

- ☐ Attend a 4-year university to earn a bachelor's degree
- ☐ Attend a 2-year college to later transfer to university
- ☐ Attend a 2-year college to earn an associate's degree
- ☐ Attend a 2-year college or technical school to earn a certification
- ☐ Work part time while attending college
- ☐ Work full time
- ☐ Join the military
- ☐ Other _____

The endorsement I have selected is: (You may earn more than one)

- ☐ Arts and Humanities
- ☐ Business and Industry
- ☐ Multidisciplinary Studies
- ☐ Public Service
- ☐ STEM (Science, Technology, Engineering and Math)

The CTE program of study I have selected is:

A CTE certification/license I may earn in this program is:

Graduation Plans

	Foundation	Endorsement	Distinguished
Subject	Credits	Credits	Credits
English	4		
Math	3	+1	Including Alg. II
Science	3	+1	
Social Studies	4		
Languages other than English	2		
Fine Arts	1		
Physical Ed.	1		
Electives (w/Health)	4	+2	
Endorsement		+4	
Total Credits for Graduation	22	26	26

Additional Graduation Requirements

Meet passing standard on these End-of-Course (EOC) Exams	
<input type="checkbox"/> English I	<input type="checkbox"/> English II
<input type="checkbox"/> Algebra I	<input type="checkbox"/> Biology
<input type="checkbox"/> US History	
Speech	
<input type="checkbox"/> Passing Grade in English II Course, First Semester	
Instruction on Proper Interaction with Peace Officers	
<input type="checkbox"/> Participation in the required activity within World Geog. course	
Instruction in Cardiopulmonary Resuscitation (CPR)	
<input type="checkbox"/> Completion of assigned activity in high school advisory class	
Submit College Financial Aid App. after Oct. 1st Sr. year, before graduation	
<input type="checkbox"/> Free Application for Federal Student Aid (FAFSA) or	
<input type="checkbox"/> Texas Application for State Financial Aid (TASFA) or	
<input type="checkbox"/> Signed opt-out form from your school counselor	

Create Your Sample Foundation High School Plan with Endorsement

Courses	8 th Grade (Courses for HS Credit)	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Total
English						
*Math						
Science						
Social Studies						
Languages						
Fine Arts						
Physical Ed.						
Electives						
						26 Credits

*Distinguished Level of Achievement (DLA), which requires four credits in math including **Algebra II**, is required to be admitted to a Texas public university under the Top 10% automatic admission policy. DLA also requires four credits in science and successful completion of an endorsement, and it makes you a more competitive applicant at selective colleges and universities.

Additional Advanced Achievement Indicators

Performance Acknowledgments			
Dual Credit Courses	Bilingualism/Biliteracy	Assessment Scores	Industry Certification/License
<input type="checkbox"/> Earn 12 College credit hours, w/grade of 3.0+, or <input type="checkbox"/> Earn an associate's degree while in high school	Complete all ELA requirements with a min. GPA of 80 AND add one of the following: <input type="checkbox"/> Level 4+ World Lang. w/GPA 80+, or <input type="checkbox"/> 3 cr. in World Lang. w/GPA of 80+, or <input type="checkbox"/> AP World Lang. score of 3+ English Lang. Learners must also: <input type="checkbox"/> Participate and meet exit criteria for a bilingual or ESL program, AND <input type="checkbox"/> Score Adv. High Level on TELPAS	<input type="checkbox"/> PSAT score of commended or higher, or <input type="checkbox"/> College Benchmark score on three out of five subject tests on the ACT-Aspire, or <input type="checkbox"/> SAT 1250-Reading/Math combined, or <input type="checkbox"/> ACT score of 28 w/o Writing, or <input type="checkbox"/> AP exam score of 3 or higher	<input type="checkbox"/> Obtain a business or industry certification

College, Career and Military Readiness

<input type="checkbox"/> For BOTH ELAR and Math: meet benchmark score on SAT, ACT, or TSIA, OR pass CFB's approved College Preparatory course in ELAR or Math <input type="checkbox"/> Earn 3 hours of dual credit in English Language Arts or Mathematics, or 9 hours in any subject <input type="checkbox"/> Earn a score of 3 or higher on any AP exam <input type="checkbox"/> Earn an associate's degree while in high school <input type="checkbox"/> Complete a UT OnRamps dual enrollment course and qualify for at least three hours of university credit in any subject <input type="checkbox"/> Earn one of the Industry-Based Certifications (IBC) listed on Texas Education Agency's approved list <input type="checkbox"/> Graduate receiving special education services and receiving a graduation plan code of 04, 05, 54, or 55, or graduate with FHSP w/endorsement or DLA <input type="checkbox"/> Enlist in the U.S. Army, Navy, Air Force, Coast Guard, or Marines and earn a passing ASVAB score for the branch enlisted



Courses are listed by Subject. Most courses are considered “State Credits” that are earned toward the graduation requirements. Where that is not the case, “(Local)” has been listed out next to the Credit description.

Not all courses listed within these pages are offered at all campuses subject to teacher availability, student interest, and curriculum changes that may occur after the publication of this guide.

ENGLISH LANGUAGE ARTS

All students must complete four credits of English Language Arts for graduation.

The first three credits must be from English I, English II, and English III.



English I

- OnLevel
- Honors
- Honors/GT
- ESOL
- PAS
- Fundamentals
- Applied
- Developmental



English II

- OnLevel
- Honors
- Honors/GT
- ESOL
- PAS
- Fundamentals
- Applied
- Developmental



English III

- OnLevel
- AP
- PAS
- Fundamentals
- Applied
- Developmental

The fourth credit must be from English IV for the Distinguished Plan. Students are encouraged to earn the English IV credit or, on a case-by-case scenario, may choose from a variety of Alternate ELA courses for the Foundation Plan.



English IV

- OnLevel
- AP
- Dual Credit
- PAS
- Fundamentals
- Applied
- Developmental



Alternate ELA

- Creative Writing
- Research/Technical Writing
- Practical Writing Skills
- Business English (CTE)
- Independent Study in ELA

Students may also select Alternate ELA or ELA Support courses as an Elective. These courses earn state elective credits toward graduation.

ELA Support

- Reading
- English Language Development & Acquisition (ELDA)
- English Plus (local credit)

ENGLISH I

3220100

The English I course provides an integrated focus on reading, writing, research, listening and speaking, and oral and written conventions (the TEKS, ELPS, and CCRS). Students will participate in a general review of grammar in context of their writing. The course includes studies of the short story, non-fiction, poetry, novel, and drama. The development of critical reading and critical writing skills is a major emphasis of this course. **EOC TESTED SUBJECT.**

1010 English I

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

intermediate level Emergent Bilingual student using ESL methodology.

1070 Honors English I

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

GPA: +5 points on weighted GPA
Extends curriculum of English I with more depth and complexity. Strong attention will be given to the development of composition and critical reading skills. Vocabulary development and outside reading will complement each unit of study. All literature study will be supported by a writing component.

0300 PAS English I

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Provides a yearlong program of interrelated language skills with study in the areas of reading, writing, speaking and listening. Includes a study of literature, personal and creative writing, and introductory research skills. Includes development of a writing portfolio. Instructional techniques will vary to accommodate the student's IEP/BIP.

1015 GT/Honors English I

GRADE PLACEMENT: 9

PREREQUISITE: GT Identified

TAKEN WITH: 7982 AP Human Geography

CREDIT: 1 UNIT

GPA: +5 points on weighted GPA
Offers an interdisciplinary curriculum of Honors English I and AP Human Geography providing the major content in a humanities format. Emphasis is on assisting students to develop an understanding of the changes in a global society.

9401 Fundamentals of English I

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Focuses on language skills and reading concepts that are based on the modified content of the TEKS.

9201 Applied English I

3220107

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Aligned with content modifications stipulated by the students IEP.

1912 English I for Speakers of Other Languages (ESOL I) 3200600

GRADE PLACEMENT: 9

PREREQUISITE: LPAC Placement

CREDIT: 1 UNIT

Specifically designed instruction in the English I TEKS for beginner and

9101 Developmental English I

3220107

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

ENGLISH II

3220200

The English II course provides an integrated study focusing on the English II TEKS, ELPS, and CCRS while extending on language skills. The course includes study of various literary genres, including the short story, poetry, drama, non-fiction, and the novel. All students will participate in the recursive writing process. Emphasis in both semesters will be placed on vocabulary development, composition skills (with a focus on persuasive), critical reading and critical writing skills. **EOC TESTED SUBJECT.**

1151 English II

GRADE PLACEMENT: 10

PREREQUISITE: English I

CREDIT: 1 UNIT

1171 Honors English II

GRADE PLACEMENT: 10

PREREQUISITE: English I

CREDIT: 1 UNIT

GPA: +5 points on weighted GPA

Extends the curriculum of English II with more depth and complexity. Students will review writing skills and extend their study of vocabulary, the short story, novel, poetry, non-fiction and drama. Strong attention will be given to the development of composition and critical reading skills. Outside reading assignments will be expected. All literature study will be supported by a writing component.

1115 GT/Honors English II

GRADE PLACEMENT: 10

PREREQUISITE: GT Identified, English I

TAKEN WITH: 7975 AP World History

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Provides an interdisciplinary approach integrating Honors English II and AP World History for identified gifted students. Enables students to discover and appreciate how mankind, through the ages, has dealt with universal problems as reflected in literature, politics, economics, culture, and the arts.

1913 English II for Speakers of Other Languages (ESOL II) 3200700

GRADE PLACEMENT: 10

PREREQUISITE: Beginner or Intermediate English Language Proficiency

CREDIT: 1 UNIT

Provides instruction in the English II TEKS for beginner and intermediate level Emergent Bilingual students to build English language proficiency. Students are placed in this course according to their current level of English proficiency.

0302 PAS English II

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Provides a yearlong interrelated study of the four skills required for effective speaking and listening. Includes the study of literature through various genres. Students continue the development of a writing portfolio.

Instructional techniques will vary to accommodate the student's IEP/BIP.

9402 Fundamentals of English II

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Provides an integrated study focusing on the English II TEKS as modified by the individual student's IEP.

9202 Applied English II

3220207

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will focus on expansion of language skills and basic written formal communication. Adapted to meet the needs outlined in student's IEP.

9102 Developmental English II

3220207

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

ENGLISH III

3220300

The English III course provides an integrated study focusing on the English III TEKS, ELPS, and CCRS. All students will participate in the recursive writing process. This course continues emphasis on composition skills, vocabulary skills and literary analysis, and research skills. The student will explore English as a developing and changing language. All literary study is supported by a writing component.

1210 English III

GRADE PLACEMENT: 11

PREREQUISITE: English II

CREDIT: 1 UNIT

1221 AP English Language & Composition

A3220100

GRADE PLACEMENT: 11

PREREQUISITE: English II

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply
Uses instructional strategies designed for the college bound student who excels in the composition process and the study of rhetoric and literature. The curriculum includes a review of the conventions of English, composition, and research skills with a continued emphasis on outside reading and vocabulary building. Strong attention will be given to the development of composition and critical reading skills. Literary emphasis is on the development of American culture and ideas.

0304 PAS English III

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Provides a survey of American literature chronologically from the beginning of literary development in the United States through contemporary times. Integrates writing skills with the study of literature and the research process. Instructional techniques will vary to accommodate the student's IEP/BIP.

9403 Fundamentals of English III

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Provides an integrated study focusing on the English III TEKS as modified by the individual student's IEP.

9203 Applied English III

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Adapted to meet the needs outlined in student's IEP.

9103 Developmental English III

PREREQUISITE: ARD Placement, only at RLT
CREDIT: 1 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

ENGLISH IV

3220400

The English IV course provides an integrated study focusing on the English IV TEKS, ELPS, and CCRS. All students will participate in the recursive writing process. The course also includes an intense study of composition and research skills. Literary emphasis is on the development of British literature and ideas.

1310 English IV

GRADE PLACEMENT: 12
PREREQUISITE: English III
CREDIT: 1 UNIT

representative selections from significant British writers. The course also includes an intense study of composition and research skills. Instructional techniques will vary to accommodate the student's IEP/BIP.

1979 AP English Literature & Composition

A3220200

GRADE PLACEMENT: 12
PREREQUISITE: English III
CREDIT: 1 UNIT
GPA: +9 on weighted GPA
AP Exam: Required
FEES: Textbook and other fees may apply
Extends on the curriculum of English IV with more depth and complexity and offers a college-level course for students focusing on poetry, drama, fiction and prose. Includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays.

9404 Fundamentals of English IV

GRADE PLACEMENT: 12
PREREQUISITE: ARD Placement
CREDIT: 1 UNIT

Provides an integrated study focusing on the English IV TEKS as modified by the individual student's IEP.

9204 Applied English IV

GRADE PLACEMENT: 12
PREREQUISITE: ARD Placement
CREDIT: 1 UNIT

Student will focus on employment and independent living language development through social activities. Adapted to meet the needs outlined in student's IEP.

0306 PAS English IV

PREREQUISITE: ARD Placement
GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Provides a survey of English literature tracing the development of literary forms and movements through the reading of

9104 Developmental English IV

PREREQUISITE: ARD Placement, only at RLT
CREDIT: 1 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

Alternate ELA

These courses may be taken to satisfy the fourth English credit required for graduation or, if English IV is taken as that fourth credit, these courses may be taken as state elective credits toward an Arts & Humanities Endorsement.

Creative Writing

3221200

GRADE PLACEMENT: 9-12

CREDIT: ½ or 1 UNIT

Explores the principles of expressive writing. All students will demonstrate an understanding of the recursive writing process. Uses the process approach to composition to help students develop fluency, voice, audience awareness, and editing strategies/ techniques needed to become life-long writers.

1154 Creative Writing – semester

1155 Advanced Creative Writing - semester

1156 Creative Writing – full year

1322 Research/Technical Writing

3221100

GRADE PLACEMENT: 12

CREDIT: ½ UNIT

Students will research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English.

1323 Practical Writing Skills

03221300

GRADE PLACEMENT: 12

CREDIT: ½ UNIT

Allows students to develop skills necessary for composing business letters and requests for information, as well as for completing job applications and resumes. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, and the effective use of vocabulary.

8321 Business English (CTE)

13011600

GRADE PLACEMENT: 12

CREDIT: 1 UNIT

Students enhance communication and research skills by applying them to the business environments.

1321 Independent Study in English

3221800

GRADE PLACEMENT: 12

CREDIT: 1 UNIT

Focuses student learning on a special project in reading, writing, speaking or research. Student products are negotiable.

ELA SUPPORT

These courses are designed to support the ELA Learner who may have gaps in performance on ELA skill tests or diagnostic assessments. Credits earned from these courses do not satisfy the required ELA credits needed for graduation. They can be elective credits only and are not applied to an endorsement.

READING

GRADE PLACEMENT: 9-12

PREREQUISITE: Does Not Meet Grade Level on STAAR Reading or ARD Placement

CREDIT: 1 UNIT

Emphasizes individual improvement in reading comprehension, vocabulary development, reading rate, study skills, listening skills, and reading for pleasure. through a combination of instructional, modeled, and independent reading components.

Fundamental and Applied Reading courses are adapted to meet the needs outlined in student's IEP based on modified content of the TEKS. These courses may be a substitute for World Language credit requirement.

1609 Reading I 3270700

1610 Reading II 3270800

1611 Reading III 3270900

1617 Fundamentals of Reading I 3270700

1618 Fundamentals of Reading II 3270800

1619 Fundamentals of Reading III 3270900

9206 Applied Reading I 3270700

9207 Applied Reading II 3270800

1613 Intensive Reading/Literature

GRADE PLACEMENT: 9-10

PREREQUISITE: Test Scores

CREDIT: 1 UNIT Reading; 1 UNIT English elective

NOTE: This course may take 2 periods on a student's schedule for daily instruction.

This is an intensive reading intervention program and has been proven effective for those students needing additional support in reading. The Intensive Reading/Literature classroom is a special place for reading, learning, and sharing ideas that support and build academic language. The instructional sessions will include both Whole Group Instruction and Small-Group Rotations.

1914 English Language Development & Acquisition (ELDA) 3200800

GRADE PLACEMENT: 9-12

PREREQUISITE: 12 months or less in US Schools, OLPT = LEVEL 0.1

TAKEN WITH: English I or English II (ESOL or OnLevel)

CREDIT: 1 UNIT

Provides a year-long course of instructional support for students with little or no English proficiency. Students may take this course with a different corequisite for a maximum of two credits.

9105 DEVELOPMENTAL ENGLISH PLUS, only at RLT

84000205

GRADE PLACEMENT: 12

PREREQUISITES: ARD Placement

CREDIT: 1 UNIT (Local)

Student will focus on understanding generalizations in real life context, the responsibilities of independent living and skills related directly to employment. Adapted to meet the needs outlined in student's IEP

**For students needing support with STAAR EOC English 1 or English 2 content, we offer the following:

Reading for EOC

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course focuses on reading strategies that help with decoding, understanding, and applying information from a variety of literary genres and cross-curriculum materials. Each course may be taken only once.

1620 Reading for EOC

033270700

1621 Reading 2 for EOC

03270800

1640 STAAR ELA

84000STR

GRADE PLACEMENT: 9-12

PREREQUISITE: Teacher Recommendation and/or STAAR Math Score

CREDIT: ½ LOCAL


NOTE: This course is repeatable

Designed to specifically target the individual learner's areas of growth for success on the EOC English 1 and/or English 2 exam.

MATHEMATICS


All students must complete three credits of Mathematics for graduation. We encourage all students to complete a fourth year as that is required for any endorsement offered.

The first three credits must be from Algebra I, Geometry, and Algebra II (or Math Models followed by Algebra II with counselor approval).




Algebra I

- OnLevel
- PAS
- Fundamental
- Applied
- Developmental



Geometry

- OnLevel
- Honors
- PAS
- Fundamental
- Applied
- Developmental




Algebra II

- OnLevel
- Honors
- PAS
- Fundamental
- Applied
- Developmental


• Math Models is offered as OnLevel, Fundamental, Applied, & Developmental

The fourth credit may be from a variety of Advanced Mathematics or alternate courses.




Other Advanced Maths

- Advanced Quantitative Reasoning
- Honors PreCalculus



Dual Credit

- Dual Credit
- College Algebra
- Trigonometry
- Calculus III
- Differential Equations



AP

- AP
- PreCalculus
- Calculus AB
- Calculus BC
- Statistics

Alternate courses that can be a fourth credit of math include the following courses.

Alternate Maths

- Applied Mathematics for Technical Careers
- Math Plus is offered as App & Dev for Local Credit only
- Statistics & Business Decision Making (CTE)
- Digital Electronics (CTE)
- Accounting 2 (CTE)
- AP Computer Science A (CTE)

ALGEBRA I

3100500

Uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of functions, linear functions and quadratic and other nonlinear functions. Graphing calculators will be used extensively in this course. **EOC TESTED SUBJECT.**

4650 Algebra I

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

0326 PAS Algebra I

GRADE PLACEMENT: 9-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9411 Fundamentals of Algebra I

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Content is modified by the individual student's IEP.

9211 Applied Algebra I

3100507

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will focus on consumer awareness of basic math skills and how it relates to community and independent needs. Adapted to meet the needs outlined in student's IEP.

9111 Developmental Algebra I

3100507

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction that emphasizes music and rhythm for students with severe cognitive and physical disabilities.

GEOMETRY

3100700

Uses of a variety of representations (concrete, pictorial, algebraic, and coordinate) to expand the understanding of geometric structure, patterns, dimensionality, congruence and similarity.

4670 Geometry

GRADE PLACEMENT: 9 - 10

CREDIT: 1 UNIT

4680 Honors Geometry

GRADE PLACEMENT: 9 - 10

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Students develop logical thinking in the writing of complex geometric proofs and the application of geometric concepts of algebra and trigonometry.

0330 PAS Geometry

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9412 Fundamentals of Geometry

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Content is modified by the individual student's IEP.

9212 Applied Geometry

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will focus on consumer application in the use of money, problem solving and fundamental skills. Adapted to meet the needs in student's IEP.

9112 Developmental Geometry

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction emphasizes music and rhythm for students with severe cognitive and physical disabilities.

MATHEMATICS MODELS WITH APPLICATIONS

3102400

This course teaches students to use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Math Models provides a path for students to succeed in Algebra II.

4710 Mathematics Models

GRADE PLACEMENT: 10-11

CREDIT: 1 UNIT

0311 PAS Math Models

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9413 Fundamentals of Math Models

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Content is modified as stipulated by student's IEP.

9213 Applied Math Models

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will focus on development and application of math skills in employment and independent living needs. Adapted to meet the needs outlined in student's IEP.

9113 Developmental Math Models

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction emphasizes music and rhythm for students with severe cognitive and physical disabilities.

ALGEBRA II

3100600

Uses a variety of representations (concrete, numerical, algorithmic, graphical) to expand the understanding of functions, the relationship between algebra and geometry, quadratic, square root, rational, exponential and logarithmic functions.

4690 Algebra II

GRADE PLACEMENT: 9 - 12

PREREQUISITE: Algebra I & Geometry

CREDIT: 1 UNIT

4700 Honors Algebra II

GRADE PLACEMENT: 9 - 12

PREREQUISITE: Algebra I and Geometry

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

The concepts of Trigonometry are an integral part within the units of study in this level of the course. Students are expected to enroll in Pre-Calculus the following year.

0332 PAS Algebra II

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9415 Fundamentals of Algebra II

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Content is modified as stipulated by student's IEP.

9214 Applied Algebra II

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will focus on development and application of math skills in employment and independent living needs. Adapted to meet the needs outlined in student's IEP.

9114 Developmental Algebra II

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction emphasizes music and rhythm for students with severe cognitive and physical disabilities.

OTHER ADVANCED MATH COURSES**4796 Advanced Quantitative Reasoning**

3102510

GRADE PLACEMENT: 12

PREREQUISITE: Algebra II

CREDIT: 1 UNIT

Focused on analyzing numerical data, probability, analyzing statistical studies, designing a study, a discrete look at change, other models of change, spatial and geometric modeling, networks and graphs, and decision making in finance as well as voting and selection process.

4770 Honors Pre-Calculus

3101100

GRADE PLACEMENT: 10-12

PREREQUISITE: Geometry and Algebra II

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Presents an analytical view of the underlying structure of mathematics through the study of functions and the properties of limits and continuity and extends the concepts introduced in Algebra and Geometry. This course will provide a bridge to Advanced Placement Calculus AB or Calculus BC. Students are expected to enroll in Calculus upon successful completion of this course.

DUAL CREDIT MATH COURSES

GRADE PLACEMENT: 11-12

PREREQUISITE: Acceptance to Dallas

College <https://www.dcccd.edu/high-school-students/dual-credit/pages/default.aspx>

CREDIT: 1 UNIT each semester

COLLEGE CREDIT: 3 HRS each

GPA: no impact for Comp Campuses

FEES: Textbook and other fees may apply

4783D Dual Credit College Algebra

IHE11100

PREREQUISITE: Algebra II

Reviews skills in intermediate algebra and further develops rational expressions, roots, exponents and radicals. Other topics include complex numbers, systems of equations and inequalities, theory of equations, progressions, the binomial theorem, proofs, and applications.

4793D Dual Credit Trigonometry

3102501

PREREQUISITE: College Algebra

Focuses on the study of angular measures, trigonometric functions, identifies solutions of triangles, equations, inverse trigonometric functions, complex numbers, and applications.

4782 Dual Credit Calculus III

IHE11100

PREREQUISITE: AP Calculus AB or BC

Focuses on the study of vectors and analytic geometry in 3-space; partial and directional derivatives; extrema; double and triple integrals and applications; cylindrical and spherical coordinates.

4784 Dual Credit Differential Equations I

3102501

PREREQUISITE: AP CALCULUS AB or BC

Focuses on first order equations, existence uniqueness theorem, linear equations, separation of variables, higher order linear equations, systems of linear equations, series solutions and numerical solutions.

AP MATHEMATICS COURSES

4779 AP PRE-CALCULUS

GRADE PLACEMENT: 10-12

PREREQUISITE: Algebra II

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP EXAM: Required

FEES: Textbook and other fees may apply

Students acquire and apply mathematical tools in real-world modeling situations in preparation for using these tools in college-level calculus. Modeling, a central instructional theme for the course, helps students come to a deeper understanding of each function type. By examining scenarios, conditions, and data sets, as well as determining and validating an appropriate function model, students develop a greater comprehension of the nature and behavior of the function itself. The formal study of a function type through multiple representations (e.g., graphical, numerical, verbal, analytical), coupled with the application of the function type to a variety of contexts, provides students with a rich study of precalculus.

AP CALCULUS

GRADE PLACEMENT: 11-12

PREREQUISITE: Pre-Calculus

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Prepares the student to take the Advanced Placement examination for possible college credit.

Algebraic, numerical, and graphical representations are emphasized throughout the course.

4780 AP Calculus AB

A3100101 (*Equivalent to at least a semester of calculus at most colleges and universities.*)

Includes techniques and applications of the derivative, definite integral, and the Fundamental Theorem of Calculus.

4781 AP Calculus BC

A3100102 (*Equivalent to at least a year of calculus at most colleges and universities*)
Includes all the topics of Calculus AB plus additional topics in differential and integral calculus including parametric, polar, and vector functions and series.

4795 AP Statistics

A3100200
GRADE PLACEMENT: 11-12
PREREQUISITE: Algebra II
CREDIT: 1 UNIT
GPA: +9 on weighted GPA
AP Exam: Required
FEES: Textbook and other fees may apply
Introduces the major concepts and tools for collecting, analyzing and drawing conclusions from data. In addition, offers an examination for students desiring to earn credit for a one-semester, introductory, non-calculus based college course in statistics.

ALTERNATE MATH COURSES**8231 Applied Mathematics for Technical Careers**

GRADE PLACEMENT: 11-12

PREREQUISITE: Algebra I and Geometry

CREDIT: 1 UNIT

This course satisfies a high school mathematics graduation requirement. This course uses problem-solving situations, hands-on activities, and technology to extend mathematical thinking and engage student reasoning. Situations relating to technical applications provide students opportunities to make connections with mathematics and the workplace. In addition, students will learn the skills necessary to communicate using mathematics. Hands-on activities will allow students to model, explore, and develop abstract concepts applicable to technical careers. (Essential to this course is the partnership between mathematics and technical teachers.)

Statistics & Business Decision Making, Digital Engineering, Accounting II and AP Computer Science A descriptions can be found in the CTE section.

**For students needing support with STAAR EOC Algebra 1 content, we offer the following:

4786 Math Strategies

N1110030

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course focuses on how to think about mathematical learning. These basic understandings will include identifying errors in the teaching and learning process, input errors, physiological concerns, and key cognitive skills.

4785 STAAR Math

84100STR

GRADE PLACEMENT: 9-12

PREREQUISITE: Teacher Recommendation and/or STAAR Math Score


CREDIT: ½ UNIT LOCAL

NOTE: This course is repeatable
Designed to specifically target the individual learner's areas of growth for success on the EOC Algebra 1.

SCIENCE


All students must complete three credits of Science for graduation. We encourage all students to complete a fourth year as that is required for any endorsement offered.

Credits must include Biology and at least one lab class of IPC, Chemistry or Physics.




Biology

- OnLevel
- Honors
- PAS
- Applied
- Developmental



IPC/Chemistry


- **Integrated Physics & Chemistry**
- OnLevel
- PAS
- Applied
- Developmental
- **Chemistry**
- OnLevel
- Honors



Physics


- OnLevel
- Honors (ECHS & METSA only)
- OnRamps
- AP Physics 1: Algebra-Based
- AP Physics 2: Algebra-Based

The third and fourth credits can be from a variety of Lab-Based Science courses including Chemistry and Physics from the above listings. Some alternate CTE courses are also available.



Lab-Based Science

- Astronomy - OnLevel & App/Dev
- Environmental Systems - OnLevel & App/Dev
- OnRamps Earth Wind & Fire
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics C: Mechanics
- AP Physics C: Electricity & Magnetism



Alternate Sci from CTE

- Anatomy & Physiology
- Forensic Science
- Advanced Animal Science
- Biotechnology I
- Principles of Technology
- Scientific Research & Design
- Engineering Design & Problem Solving
- Engineering Science

Students interested in Science laboratory fieldwork may also complete up to a year of Science Lab Management for local credit.

BIOLOGY

03010200

Provides an introductory laboratory course in biology. Topics include: cellular functions, microorganisms, plant and animal processes, animal and plant classification, genetics, and ecology. Safety and manipulative laboratory skills are stressed. Students will conduct both field and laboratory investigations. **EOC TESTED SUBJECT.**

6620 Biology I

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

6625 Honors Biology I

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Provides a more in-depth study of the topics covered in Biology. Included are laboratory activities which enhance creativity, provide individual research opportunities, and field investigations.

0348 PAS Biology I

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9221 Applied Biology I

03010207

GRADE PLACEMENT: 9-10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will investigate science related to home, school and community through the use of activity-based studies including a study of plants and animals. Adapted to meet the needs outlined in student's IEP.

9121 Developmental Biology I

030102007

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.

IPC/CHEMISTRY

03060201

INTEGRATED PHYSICS & CHEMISTRY (IPC)

Builds on concepts in physics and chemistry and their relationship to living systems, the earth's structure, astronomy, and other physical and chemical phenomena observed. This course emphasizes hands-on laboratory science, higher order thinking, and interrelationships between the sciences. Though this course is not required for all students, If taken, it must precede Chemistry and Physics.

6616 Integrated Physics & Chemistry

GRADE PLACEMENT: 9-10 recommended

CREDIT: 1 UNIT

0345 PAS IPC

GRADE PLACEMENT: 9-10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9222 Applied IPC

GRADE PLACEMENT: 10-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will investigate science related to home and independent living through the use of activity-based studies including a study of force, friction, and chemical reactions. Adapted to meet the needs outlined in student's IEP.

9122 Developmental IPC

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.

CHEMISTRY

03040000

Provides a complete course in the concepts of chemistry including the study of the properties of matter, atomic theory, Periodic Table, chemical bonding, the mole concept, chemical reactions, principles of ideal gas, behavior of solutions, and nuclear chemistry. Honors level extends concepts for the student who has a high interest in chemistry, has done well in science and mathematics and is able to grasp high level skills.

6640 Chemistry I

GRADE PLACEMENT: 10-12

PREREQUISITE: 1 Sci credit AND Geom
(or concurrent)

CREDIT: 1 UNIT

6645 Honors Chemistry I

GRADE PLACEMENT: 10-12

PREREQUISITE: 1 Sci credit AND Geom
(or concurrent)

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Laboratory activities are presented that are appropriate for the topics under study and provide opportunities for individual research.

PHYSICS

03050000

Provides a complete course in the concepts of Physics. Laboratory activities are presented appropriately for the topics being studied. Topics include: a study of motion, force and energy, electro-magnetism, electricity, electromagnetic radiation, optics, sound and nuclear energy. Honors level offers the student who has a high interest in science and has done well in both science and mathematics.

6655 Physics

GRADE PLACEMENT: 9-12

PREREQUISITE: 1 Sci credit and Algebra I
(or concurrent)

CREDIT: 1 UNIT

Learnings emphasize higher order thinking skills and quantitative applications of theory.

6656 Honors Physics

GRADE PLACEMENT: 9-12

PREREQUISITE: 1 Sci credit and Algebra I
(or concurrent), only at ECHS & RLT
(METS A)

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

6657 OnRamps Physics

GRADE PLACEMENT: 9-12

PREREQUISITE: 1 Sci credit AND Algebra I
(or concurrent)

CREDIT: 1 UNIT

COLLEGE CREDIT: Optional

FEES: Textbook and other fees may apply
This is an algebra-based (non-calculus) course in mechanics that fulfills a general physics requirement.

Students will practice problem solving and analyzing physical situations involving motion, force, energy, rotations, heat, oscillations, waves, and sound. The course lays the groundwork for college majors

including engineering, physics, chemistry, or mathematics.

LAB-BASED SCIENCES

ENVIRONMENTAL SYSTEMS

03020000

Explores principles of the environment: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; relationship between carrying capacity and changes in populations, ecosystems and the environment.

6615 Environmental Systems

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 Years of Lab Sciences

CREDIT: 1 UNIT

6617 PAS Environmental Systems

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9223 Applied Environmental Systems

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will investigate science related to home and independent living through the use of activity-based studies including weather, seasonal changes, and the water cycle. Adapted to meet the needs outlined in student's IEP.

9123 Developmental Environmental Systems

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.

ASTRONOMY

03060100

Provides a laboratory course where students acquire knowledge about the sun, planets, moon, and stars. Topics included are: information about the universe; scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the sun in our solar system; planets; and the orientation and placement of the Earth.

6670 Astronomy

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 Years of Lab Sciences

CREDIT: 1 UNIT

9224 Applied Astronomy

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will investigate science related to independent living and employability through the use of activity-based studies including a study of the solar system and properties of matter. Adapted to meet the needs outlined in student's IEP.

9124 Developmental Astronomy

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.

ADVANCED SCIENCES

6647 OnRamps Earth Wind & Fire

03060200

GRADE PLACEMENT: 9-12

RECOMMENDED: Biology and Chemistry
(or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

COLLEGE CREDIT: Optional

FEES: Textbook & other fees may apply

This college level course introduces students to the major areas in geoscience and helps them develop critical, creative, and geologic problem-solving skills, as applied to 21st century scientific problems. Draws on the fundamental principles of physics, chemistry, biology, and geosciences to explain Earth processes.

6635 AP Biology

A3010200

GRADE PLACEMENT: 9-12

RECOMMENDED: Biology and Chemistry
(or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Offers a college-level second year

Biology program. It is designed for those who have high interest and motivation in this area of study.

6650 AP Chemistry

A3040000

GRADE PLACEMENT: 11-12

RECOMMENDED: Chemistry and Algebra II
(or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Offers a college-level, second year chemistry program that shows greater depth and complexity of chemistry concepts. Laboratory activities are presented that are appropriate for the

topics under study and provide opportunities for individual research.

6611 AP Environmental Science

A3020000

GRADE PLACEMENT: 11-12

PREREQUISITE: Biology, Chemistry, and
Algebra II

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Provides students with a college level, in-depth scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze issues (natural and man-made), analyze associated risks, and examine the possible solutions.

6660 AP Physics 1 Algebra-Based

A3050003

GRADE PLACEMENT: 11-12

RECOMMENDED: credit in Alg 1 & Geom

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Offers an algebra-based physics course equivalent to a first-semester college course in algebra-based physics, but is designed to be taught over a full academic year to enable students to develop deep understanding of the content and to focus on applying knowledge through inquiry labs. The course includes Newtonian mechanics; work, energy, and power; mechanical waves and sound; with an introduction to electric circuits.

6662 AP Physics 2 Algebra-Based

A3050004

GRADE PLACEMENT: 11-12

PREREQUISITE: Physics (any level) and
Pre-Calculus (any level, or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Offers an algebra-based physics course equivalent to a second-semester college course in algebra-based physics, but is designed to be taught over a full academic year to enable students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. The course includes fluid mechanics; thermodynamics; electricity and magnetism; optic; atomic and nuclear physics.

6663 AP Physics C: Electricity & Magnetism

A3050005

GRADE PLACEMENT: 11-12

PREREQUISITE: Physics (any level) and
Calculus (or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

This is a college level, calculus-based physics course appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism.

6664 AP Physics C: Mechanics

A3050006

GRADE PLACEMENT: 11-12

PREREQUISITE: Physics (any level) and
Calculus (or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

This is a college level, calculus-based physics course appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation.

ALTERNATE SCIENCES FROM CTE

6637 Anatomy & Physiology

13020600

GRADE PLACEMENT: 11-12

PREREQUISITE: Biology and Chemistry

CREDIT: 1 UNIT

Extends understanding of the structure and function of the human body. Higher order thinking is stressed through assessment and synthesis of anatomical knowledge combined with exposure to clinical analysis.

6672 Forensic Science

13029500

GRADE PLACEMENT: 11-12

PREREQUISITE: Biology and Chemistry

CREDIT: 1 UNIT

Allows students to participate in the collection and preservation of crime scene evidence, crime laboratory techniques and the human anatomy and physiology necessary for the analysis of evidence.

Advanced Animal Science, Biotechnology I, Principles of Technology, Scientific Research & Design, Engineering Design & Problem Solving and Engineering Science descriptions can be found in the CTE section.

LAB MANAGEMENT

84800675

Allows a student to assist a teacher or teachers in setting up and carrying out laboratory activities, keeping laboratory materials in order, and performing other laboratory management duties as assigned by the supervising teacher(s). Elective science credit will be earned through this course.

The course may be repeated to earn a maximum of one credit.

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 Sci credits including Chemistry

CREDIT: ½ UNIT (Local)

6675 Lab Management – 1st Time Taken

6676 Lab Management – 2nd Time Taken

****For students needing support with STAAR EOC Biology content, we offer the following:**

9709 Science Pathways

N1290051

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course focuses on scientific thinking and how to connect content from course to course. Topics will include earth and space science, biology, basic chemistry and basic physics.

1644 STAAR Science

84800STR

GRADE PLACEMENT: 9-12

PREREQUISITE: Teacher Recommendation and/or EOC Biology Score

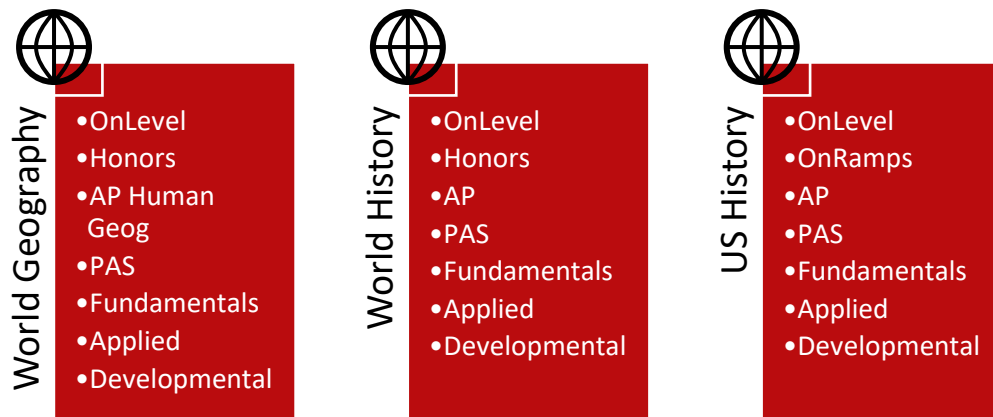
CREDIT: ½ UNIT LOCAL

NOTE: This course is repeatable
Designed to specifically target the individual learner's areas of growth for success on the EOC Biology exam.

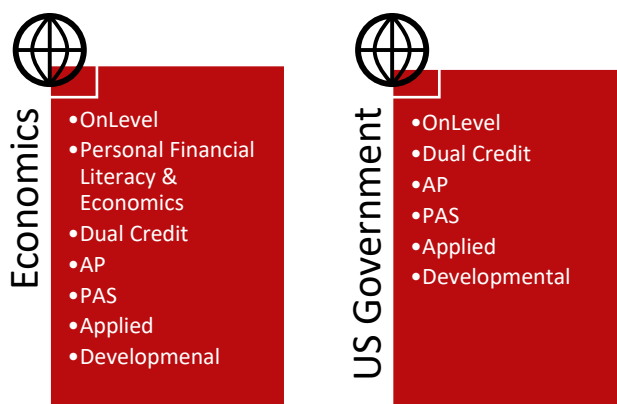
SOCIAL STUDIES

All students must complete 4 credits of Social Studies for graduation.

The first three credits must be World Geography, World History and US History.



Economics and US Government make up the fourth credit. Each are ½ credit.



Students may also select Advanced SS courses as an Elective. These courses earn state elective credits toward graduation.



WORLD GEOGRAPHY

03320100

Students examine cultures and the interaction of humans with their physical environment thematically, using process skills to study geographic patterns and influences on past and present events in order to make informed decisions about the future.

7980 World Geography Studies

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

7981 Honors World Geography Studies

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

This course is designed for students who wish to have a more challenging and rigorous social studies experience.

7982 AP Human Geography

7983 GT/AP Human Geography

A3360100

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

This course introduces students to the systematic study of patterns and process that shape human understanding, use, and modification of Earth's surface.

Students employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

0363 PAS World Geography

GRADE PLACEMENT: 9

PREREQUISITE: ARD placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9230 Applied World Geography

GRADE PLACEMENT: 9

PREREQUISITE: ARD placement

CREDIT: 1 UNIT

The student focuses on his/her home and school. Map skills are introduced and developed through a variety of activities. The course will be adapted to meet the needs outlined in student's IEP.

9130 Developmental World Geography

PREREQUISITE: ARD placement, only at RLT

CREDIT: 1 UNIT

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.

WORLD HISTORY

03340400

This course provides a global understanding of the growth and development of selected world civilizations from ancient times to the present. Using critical-thinking skills and a variety of primary and secondary sources, students study historical and geographic patterns, compare civilizations, and examine continuities and change over time.

7911 World History Studies

GRADE PLACEMENT: 10-11

CREDIT: 1 UNIT

7971 Honors World History Studies

GRADE PLACEMENT: 10-11

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Students examine the impact of geographic factors on historical events, identify common characteristics of eras, analyze the causes and effects of major turning points, compare the social, economic, and political systems of various civilizations, and examine continuities and change over time to gain a global understanding of the world today.

7972 AP World History

7975 GT/AP World History

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply
Students investigate topics. They develop and use the same thinking skills and methods employed by historians which include analyzing source material, making historical comparisons, chronological reasoning, and argumentation. Students explore five themes to make connections across time

periods and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

0362 PAS World History

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9231 Applied World History

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student focuses on his/her community and state, with emphasis on laws affecting behavior and personal safety. The course will be adapted to meet the needs outlined in student's IEP.

9131 Developmental World History

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

U.S. HISTORY

03340100

The founding documents of the U.S. government provide a framework as students focus on the political, economic, and social factors shaping U.S. history since 1877. Issues include industrialization and urbanization, domestic and foreign policies, major war, reform movements, civil rights, and efforts to expand the democratic process. Students analyze the impact of constitutional issues on American society, technological innovations on American life, and geographic factors on historical events. Students use critical-thinking skills and a variety of primary and secondary source material to apply different methods historians use to understand the past, including historical context and multiple points of view. **EOC TESTED SUBJECT.**

7610 U.S. History

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

7612 OnRamps U.S. History

GRADE PLACEMENT: 11-12

PREREQUISITE: English II

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

COLLEGE CREDIT: Optional

FEES: Textbook and other fees may apply

Using lectures, primary and secondary readings, videos, maps, and other graphics, students work both independently and collaboratively to develop the critical thinking skills to evaluate the American historical record. The course surveys from the colonial beginnings through the Civil War and considers the post-Civil War era to the end of the 20th century.

7660 AP United States History

A3340100

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Examines the nine different periods of U.S. history conceptually, using themes that include identity, migration, power, technology, geography, technology, and America in the world. Students make comparisons among various historical developments in different times and places and to reason historically about continuity and change over time.

Students develop and use historical thinking skills, which include analyzing primary and secondary source material, making historical comparisons, chronological reasoning, and argumentation.

0360 PAS U.S. History

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

This course provides students opportunities to understand social, cultural, economic and political forces that have shaped American society, as well as the historical context for U.S. society today. Instructional techniques will vary to accommodate the student's IEP/BIP.

9232 Applied U.S. History

03340107

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

The student will focus on community awareness through concepts related to employment and personal responsibility. The course is adapted to meet the needs outline in the student's IEP.

9132 Developmental U.S. History

03340107

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

ECONOMICS

03310300

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: ½ UNIT

This course examines the basic principles of production, consumption, and distribution of goods and services with emphasis on the American free enterprise system. Students will compare the U.S. system with economic systems in other countries of the world. The course also includes a brief study of personal financial literacy. Any course under this heading can satisfy the Econ graduation requirement.

7401 Economics

7210 Personal Financial Literacy & Economics

03380083

NOTE: Course is not NCAA approved

This course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges throughout their lifetime. In addition, students are introduced to common economic and personal financial planning terms and concepts.

7401D Dual Credit Economics

FEES: Textbook and other fees may apply
Dallas College acceptance required.
<https://www.dcccd.edu/high-school-students/pages/application.aspx>

7402 AP Economics - Micro

A3310100

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply
This course studies the behavior of discrete parts of the economy—the individual, the household, the company.

7403 AP Economics - Macro

A3310200

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply
This course provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole.

0364 PAS Economics

PREREQUISITE: ARD Placement

Instructional techniques vary to accommodate the student's IEP/BIP.

9234 Applied Economics

GRADE PLACEMENT: 12

PREREQUISITE: ARD Placement

The student will focus on the basic concepts of personal responsibility related to employability and being a productive, contributing member of a business, community, and/or organization. Adapted to meet the needs outlined in the student's IEP.

9134 Developmental Economics

PREREQUISITE: ARD Placement, only at RLT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

U.S. GOVERNMENT

03320100

This course focuses on the principles and beliefs upon which the United States was founded. Students will use critical-thinking skills to examine the structure, functions, and powers of government at the national, state, and local level.

7317 U.S. Government

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: ½ UNIT

7317D Dual Credit U.S. Government

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: ½ UNIT

FEES: Textbook and other fees may apply

Dallas College acceptance required.

<https://www.dcccd.edu/high-school-students/pages/application.aspx>

7377 AP United States Government

A3330100

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: ½ UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

NOTE: counts as Gov grad requirement

This course provides a college-level approach to understanding the effects of political theories and history on the development of American political behavior and institutions. It will not only help students understand the U.S. Constitution and the political system but will also help them become informed citizens who are willing to preserve, protect, and defend the rights and liberties at the core of our nation's charter.

0365 PAS Government

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: ½ UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

9233 Applied Government

GRADE PLACEMENT: 12

PREREQUISITE: ARD Placement

CREDIT: ½ UNIT

The course will focus on history and how it relates to current community rules and situations. The student will be introduced to voting and civic duties. Instruction will be adapted to meet the needs outlined in the student's IEP.

9133 Developmental Government

PREREQUISITE: ARD Placement, only at RLT

CREDIT: ½ UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

ADVANCED SOCIAL STUDIES COURSES

These courses may be taken as state elective credits toward an Arts & Humanities Endorsement or general state elective.

7201 Sociology

3370100

GRADE PLACEMENT: 10-12

CREDIT: ½ UNIT

This course introduces students to the science and art of human relations and helps them understand the structure of society and their role in it.

7203 Psychology

03350100

GRADE PLACEMENT: 10-12

CREDIT: ½ UNIT

This course covers the stages of human growth and development and factors involved in learning, thinking, personality, motivation, and self-concept development to provide students with opportunities to gain insight into our complex society.

7204 Honors Psychology

03350100

GRADE PLACEMENT: 11-12

CREDIT: ½ UNIT

GPA: +5 on weighted GPA

Designed to be taken as a sequenced course with AP Psychology, this course gives students time to deepen their understanding of the complex society in which we live. This preparation affords students the beneficial background for success in AP Psychology in Semester 2.

7205 AP Psychology

A3350100

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: ½ UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply

This course examines methods, approaches and history of psychology, biological basis of behavior, motivation and emotion, learning theories,

personality, testing and individual differences, and abnormal and social psychology.

7345 Special Topics in SS – Law Studies

03380002

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

This course introduces students to the structure and process of our legal system as it relates to their everyday lives.

7985 AP European History

A3340200

GRADE PLACEMENT: 11-12

PREREQUISITE: World History (Honors or AP)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply
An in-depth study of Western Civilization in Europe from approximately 1450 to the present. It explores several major themes in modern history,

7360 Special Topics in SS: Mexican American Studies

03380002

GRADE PLACEMENT: 11-12

CREDIT: ½ UNIT

This course introduces students to the rich history of the Mexican American people and culture.

7361 Special Topics in SS: African American Studies

03380002

GRADE PLACEMENT: 11-12

CREDIT: ½ UNIT

This course introduces students to the culture, history and people of African American descent.

7376 AP Comparative Government & Politics A3330200

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 SS Credits – Honors preferred, only at CHS

CREDIT: ½ UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Introduces students to the rich diversity of political life outside the United States. It provides a college-level approach to examining the political institutions and processes of six different countries—China, Iran, Mexico, Nigeria, Russia, and the United Kingdom—and comparing the ways they address problems. Students compare the effectiveness of approaches to many global issues by examining how different governments solve similar problems.

9135 Developmental Social Studies Plus 84400135

GRADE PLACEMENT: 12+

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT (Local)

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

Independent Studies/Mentoring (ISM)

GRADE PLACEMENT: 9-12

PREREQUISITE: GT Identified or counselor approval

CREDIT: ½ UNIT

GPA: +9 on weighted GPA

Students conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Working independently or in collaboration with a mentor, students investigate a problem, issue or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience.

Students may take up to 4 times, but a different project must be presented each time.

7987 ISM (1ST TIME TAKEN) 03380003

7988 ISM (2ND TIME TAKEN) 03380023

7989 ISM (3RD TIME TAKEN) 03380033

7990 ISM (4TH TIME TAKEN) 03380043

**For students needing support with STAAR EOC US History content, we offer the following:

9710 Social Studies Pathway

N1290051

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course focuses on historical thinking and connecting social studies concepts. These basic understandings will include content from all history and citizenship courses as well as societal commentaries.

7600 STAAR Social Studies

84400STR

GRADE PLACEMENT: 9-12

PREREQUISITE: Teacher Recommendation and/or US History EOC Score

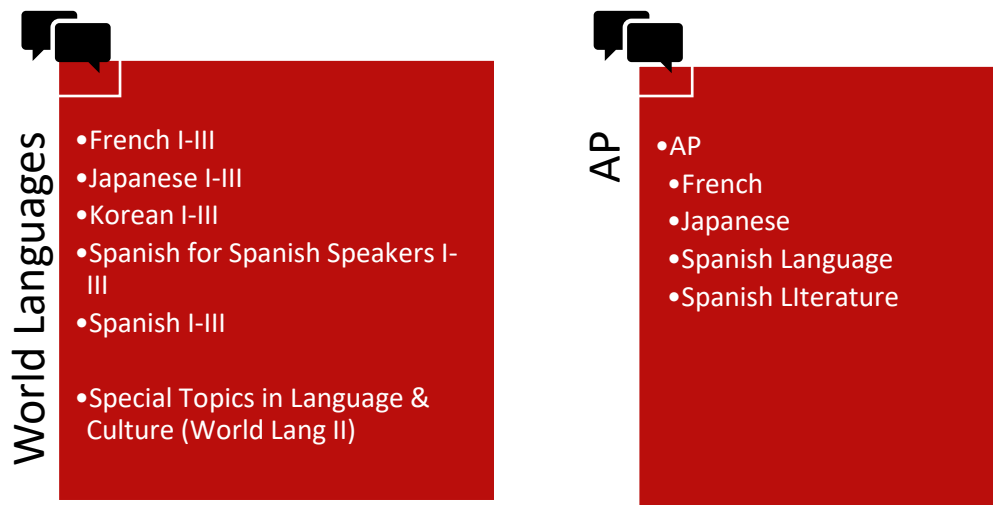
CREDIT: ½ LOCAL

NOTE: This course is repeatable
Designed to specifically target the individual learner's areas of growth for success on the EOC US History exam.

WORLD LANGUAGES

All students must complete 2 credits of World Language for graduation. These World Language credits should be from the same language. Some students may be recommended for a Special Topics course as an appropriate alternative to a Level II World Language course. (A substitution of academic or CTE courses can be made for students who receive special education services. Speak with the counselor for more information.)

Students are encouraged to further their exposure to world languages and culture by taking additional classes of the same language or exploring other world languages throughout their high school years.



There are also dual credit opportunities students may select from Dallas College. Acceptance to Dallas College is required and fees may apply.

<https://www.dcccd.edu/high-school-students/dual-credit/pages/default.aspx>



FRENCH

3604 French I

03410100

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces basic speaking, reading, and writing skills. Emphasizes vocabulary building and the study of Francophone culture.

3605 French II

03410200

GRADE PLACEMENT: 9-12

PREREQUISITE: French I

CREDIT: 1 UNIT

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading for comprehension based on the people and cultures of France and francophone countries.

3606 Honors French III

03410300

GRADE PLACEMENT: 11-12

PREREQUISITE: French II

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Develops reading skills in addition to listening comprehension, speaking and writing. Stresses a broader appreciation of French culture and civilization.

3607 AP French Language & Culture

A3410100

GRADE PLACEMENT: 12

PREREQUISITE: Honors French III

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply
Increases the amount of reading significantly and further develops writing skills. Continues an emphasis on French culture and civilization. Includes a survey of French literature, reading of literary selections, and literary analysis. Speaking with acceptable accuracy and fluency is emphasized as well. The study of literature and culture is included.

JAPANESE

3750 Japanese I

03120100

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Provides students with live experiences in comprehending, speaking, reading and writing in the Japanese language, as well as acquiring information about the customs and culture of Japan through contact with Japanese people.

3751 Japanese II

03120200

GRADE PLACEMENT: 10-12

PREREQUISITE: Japanese I

CREDIT: 1 UNIT

Offers students live experiences in comprehending, speaking, reading and writing in the Japanese language, as well as acquiring information about the customs and culture of Japan through contact with Japanese people. Additional facility with the language.

3752 Honors Japanese III

03120300

GRADE PLACEMENT: 11-12

PREREQUISITE: Japanese II

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Provides students with oral and written language skills with concentration on understanding instruction delivered in Japanese.

3754 AP Japanese Language & Culture

A3120400

GRADE PLACEMENT: 12

PREREQUISITE: Honors Japanese III

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply

Extends proficiency and improves the productive, receptive and cultural skills necessary to communicate with native speakers and writers of Japanese.

Encourages critical reflection about the Japanese culture, society, and other social categories.

KOREAN

Korean is only offered at Creekview and Newman Smith.

3740 Korean I

11402900

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces essential vocabulary and grammar in order to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension. Includes an introduction to Korean culture.

3742 Honors Korean III

11403100

GRADE PLACEMENT: 9-12

PREREQUISITE: Korean II

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Students further develop communication proficiency in all communication modes. Emphasis is placed on the refinement of this logographic language.

3741 Korean II

11403000

GRADE PLACEMENT: 9-12

PREREQUISITE: Korean I

CREDIT: 1 UNIT

Students develop communication skills in all communication modes and continue their studies of Korean culture.

3743 Honors Korean IV

11403200

GRADE PLACEMENT: 9-12

PREREQUISITE: Korean III

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

NOT AN AP COURSE

Students further develop communication proficiency in all communication modes. Emphasis is placed on the refinement of this logographic language.

SPANISH FOR SPANISH SPEAKERS

Taught 100% in Spanish

3807 Spanish for Spanish Speakers I

03440110

GRADE PLACEMENT: 9-12

PREREQUISITE: Placement test

CREDIT: 1 UNIT

Emphasizes standard spoken and written Spanish, grammar, listening skills, and reading comprehension based on the culture of the Hispanic world.

3809 Spanish for Spanish Speakers II

03440220

GRADE PLACEMENT: 9-12

PREREQUISITE: Spanish Spkr I or placement test

CREDIT: 1 UNIT

Emphasizes standard spoken and written Spanish. Increases reading, grammar and writing skills as well as the study of the people and cultures of the Hispanic world.

3819 Honors Spanish for Spanish Speakers III

03440330

GRADE PLACEMENT: 9-12

PREREQUISITE: Spanish Spkr II or placement test

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Increases vocabulary, reading skills and grammar in addition to listening comprehension, speaking and writing. Develops a greater appreciation of Hispanic culture and civilization.

SPANISH

3808 Spanish I

03440100

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces basic listening, speaking, reading and writing skills. Emphasizes vocabulary building and includes the study of Hispanic culture.

3810 Spanish II

03440200

GRADE PLACEMENT: 9-12

PREREQUISITE: Spanish I

CREDIT: 1 UNIT

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading comprehension based on the culture of the Hispanic world.

3820 Honors Spanish III

03440300

GRADE PLACEMENT: 10-12

PREREQUISITE: Spanish II

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Develops reading skills in addition to greater skills in listening, speaking and writing. Develops a fuller appreciation of Hispanic culture and civilization

3822 AP Spanish Language & Culture

A3440100

GRADE PLACEMENT: 11-12

PREREQUISITE: Honors Spanish III

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply

Increases the amount of original writing and reading. Class discussion in Spanish.

Places a strong emphasis on Hispanic culture and civilization. Includes a survey of Hispanic literature, reading of literary selections, and literary analysis.

3823 AP Spanish Literature & Culture

A3440200

GRADE PLACEMENT: 12

PREREQUISITE: Honors Spanish III

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply

Includes a survey of Hispanic literature, reading of literary selections, and literary analysis.

WORLD LANGUAGE ALTERNATIVES**3920 Special Topics in Language & Culture**

11410000

GRADE PLACEMENT: 10-12

PREREQUISITE: Level I credit in any World Language & Recommendation by ARD, 504, or General Ed committee that includes the Level I teacher.

CREDIT: 1 UNIT

Students demonstrate novice level communication skills acquired in a World Language Level I course, develop a greater understanding of other cultures, make connections to other disciplines, draw comparisons between languages and cultures, and effectively engage in global communities. Students enhance their personal and public lives, and meet the career demands of the 21st century, by gaining insight into other world languages and cultures.

Dual Credit Opportunities

Students wishing to pursue world language through dual credit classes offered through Dallas College must be admitted to the college. These courses are taken at the student's convenience outside of the regular school day. World Language courses through Dallas College offer the opportunity for students to earn 2 years of language credit in one school year as each course is taught for a semester and earns a full year's language equivalent at the high school campus. **Textbook and other fees may apply*

<https://www.dcccd.edu/high-school-students/dual-credit/pages/enrollment.aspx>




Academic or Career-Technical Education Substitutions

Students receiving Special Education Services are permitted to use core subject or CTE courses that are not otherwise meeting graduation requirements as World Language Substitutions. This decision should be discussed and determined by an ARD Committee.

ATHLETICS, PHYSICAL EDUCATION & HEALTH

All students must complete 1 credit of Physical Education (PE) for graduation. Up to 4 PE credits are allowed towards meeting the state graduation requirements.

Students can earn PE credit through a variety of athletics, physical activity and special case offerings. No PE course may be taken twice for state credit.

 Athletics	 Physical Activity	 Special Cases
<ul style="list-style-type: none">•Baseball•Basketball•Cross-Country•Football•Golf•Soccer•Softball•Swimming•Tennis•Track•Volleyball•Wrestling	<ul style="list-style-type: none">•Weightlifting•Skill-Based Lifetime Activities•Lifetime Fitness & Wellness Pursuits•Lifetime Recreation & Outdoor Pursuits•Adaptive PE	<ul style="list-style-type: none">•JROTC•NonDistrict Program•Pep Squad•Cheer (years 1-2)•Fine Arts•Marching Band (fall of years 1-2)•Drill Team (fall of years 1-2)•Dance 1•Vocal Ensemble

All students must also complete ½ credit of Health for graduation.

Health	<ul style="list-style-type: none">• Health• Applied Health• Developmental Health• Health Plus
---------------	--

PHYSICAL EDUCATION - ATHLETICS

The following courses are offered as competitive sports governed by the rules and regulations of the University Interscholastic League. Athletes must maintain eligibility to compete.

Athletes enroll in the level that corresponds with the number of years he/she has participated in any athletics program. This allows for up to 4 credits in athletics to be earned. In order to best provide regular practice for student athletes, athletics classes are scheduled for two periods – one on “A” days and the other on “B” days. The expectation is that athletes are scheduled into both periods. Exceptions can be made based on academic or other co-curricular needs. In either case, successful completion of athletics courses will yield one credit per year.

PES00000, PES00001, PES00002, PES00003

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT PER YEAR, regardless of 1 or 2 periods taken

Men's Athletics

	Year I	Year II	Year III	Year IV
Baseball	5855, 5855s	5856, 5856s	5857, 5857s	5858, 5858s
Basketball	5810, 5810s	5811, 5811s	5812, 5812s	5813, 5813s
Football	5805, 5805s	5806, 5806s	5807, 5807s	5808, 5808s
Soccer	5830, 5830s	5831, 5831s	5832, 5832s	5833, 5832s
Track	5825, 5825s	5826, 5826s	5827, 5827s	5828, 5828s

Women's Athletics

	Year I	Year II	Year III	Year IV
Basketball	5865, 5865s	5866, 5866s	5867, 5867s	5868, 5868s
Soccer	5835, 5835s	5836, 5836s	5837, 5837s	5838, 5838s
Softball	5860, 5860s	5861, 5861s	5862, 5862s	5863, 5863s
Track	5875, 5875s	5876, 5876s	5877, 5877s	5878, 5878s
Volleyball	5880, 5880s	5881, 5881s	5882, 5882s	5883, 5883s

Mixed Athletics

	Year I	Year II	Year III	Year IV
Cross-Country	5820, 5820s	5821, 5821s	5822, 5822s	5823, 5823s
Golf	5845, 5845s	5846, 5846s	5847, 5847s	5848, 5848s
Swim/Dive	5850, 5850s	5851, 5851s	5852, 5852s	5853, 5853s
Tennis	5840, 5840s	5841, 5841s	5842, 5842s	5843, 5843s
Wrestling	5815, 5815s	5816, 5816s	5817, 5817s	5818, 5818s

Athletes wishing to compete at the collegiate level should be aware of NCAA rules regarding eligibility and possible scholarship opportunities. The link below is to the NCAA Eligibility Center – Guide for the College-Bound Student-Athlete.

http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/CBSA.pdf

Check with your head coach or college recruiter for more information specific to your sport or college/university.

PHYSICAL EDUCATION - PHYSICAL ACTIVITY

5594 Skill-Based Lifetime Activities – Aerobic Dance Focus

PES00056

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Aerobic movements involve large muscle groups used in continuous rhythmic activities. This course explores various forms of low impact aerobics, high impact aerobics, and modern and traditional dance.

5600 Lifetime Fitness & Wellness Pursuits

PES00051

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

Analyzes the components of physical fitness and the relationship between physical fitness activities and stress. Students examine nutritional practices as related to their health and how to be a wise consumer as it relates to physical fitness equipment. The course includes a conditioning program based on an understanding of the physiological factors and changes involved in various exercises that incorporate muscular endurance, flexibility, and cardiovascular or cardio respiratory endurance.

5601 Skill-Based Lifetime Activities

PES00056

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Includes opportunities to improve skills for participation in lifetime physical activities. There will be opportunities to participate, learn rules and officiate in many lifetime activities and sports for the individual, pairs, and teams. This course cannot be taken if credit for 5597 Weightlifting (ITS) has been earned.

5597 Skill-Based Lifetime Activities - Weightlifting Focus

PES00056

GRADE PLACEMENT: 10-12

PREREQUISITE: Coaches Approval

CREDIT: 1 UNIT

Provides students with the opportunity to gain insight into weight-training and lifting for healthy living. Technique and workout planning is emphasized. This course cannot be taken if credit for 5601 Individual and Team Sports (ITS) has been earned.

5604 Lifetime Recreation & Outdoor Pursuits

PES00053

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Develops competency in outdoor education activities that provide opportunities for enjoyment and challenge, ensuring fitness throughout the lifespan. This course includes aspects of trip planning, orienteering and wilderness survival skills, archery, first aid, conservation and environmental issues, outdoor cooking and camping, hunter and water safety, fishing and tackle crafts. Students will further engage in various outdoor life time fitness activities and games.

5610 Adapted PE

PES00052

GRADE PLACEMENT: 9-12

PREREQUISITE: ARD Placement or Instructor Approval

Provides physical activity to meets the needs of students who have a physical problem or disability. Students work with an adaptive coach on skills and abilities to advance the health and physical activity done in everyday life.

PHYSICAL EDUCATION - SPECIAL CASES

5616 Pep Squad (Pre-Drill Team)

PES00056

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT (PE)

FEES: Performance Outfit fees may apply

Introduces basic drill team skills including kicks, splits, dances, routines, and team-building activities. Tryout procedures and requirements of drill team will be addressed.

Commitments outside of the school day may be required.

Cheerleading

Provides students the opportunity to perform in numerous arenas including pep rallies, athletic events, parades, competitions, spring show, and summer camp. Cheers, chants, jumps, pyramids, tumbling and conditioning will be performed. Opportunities to build school spirit, develop individual technique, and teamwork skills will be provided. Cheer level is based on the years of participation, not grade level. In order to best provide regular practice cheer classes are scheduled for two periods – one on “A” days and the other on “B” days. The expectation is that cheerleaders are scheduled into both periods.

Cheer I-IV is by audition only. Annual uniform and accessory fees apply.

5621 CHEER I (PE Substitution)

PES00013

GRADE PLACEMENT: 9 -12

CREDIT: 1 UNIT (PE) – 2 PERIODS

5623 CHEER III

85000618

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT (Local) – 2 PERIODS

5622 CHEER II (SBLA-Aerobic Dance)

PES00056

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT (PE) – 2 PERIODS

5624 CHEER IV

85000618

GRADE PLACEMENT: 12

CREDIT: 1 UNIT (Local) – 2 PERIODS

Non-District Program – PE Substitution

Offers a cooperative arrangement between the district, the student, and an approved off-campus agency selected by the student who indicates a serious intent to obtain a high degree of proficiency in an activity not offered comprehensively through the physical education or athletic departments. Participation under professional supervision Category I Olympic Level requires a minimum fifteen hours per week, Category II Private or Commercially Sponsored requires a minimum of five hours per week, and a payment of \$125 semester fee is required. APPLICATION IS REQUIRED. Missed school days for events appear as absences. Absence makeup if 10 or fewer days total are missed for the events is not necessary.

PES00008, PES00009, PES00010, PES00011

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT PER YEAR

5611 Non-District Program PE Sub I

5612 Non-District Program PE Sub II

5613 Non-District Program PE Sub III

5614 Non-District Program PE Sub IV

Navy Junior Officer Training Corps (NJROTC)

These courses do not require a military commitment and are not recruitment training. Most expenses associated with activities and field trips are taken care of by the Navy, the school, or NJROTC fund-raising activities. NJROTC is only at CHS.

Introduces students to the importance of good citizenship, promotes patriotism, develops informed and responsible citizens, promotes habits of orderliness precision and develops a high degree of personal honor, self-reliance, self-discipline, and leadership. These courses are also designed to provide incentives to live a healthy and drug free lifestyle through physical fitness as well as promote high school completion while developing a respect for and understanding of the need for a constituted authority in a democratic society. Upper Levels continue to develop leadership and maritime related skills. Extensively looks at meteorology, navigation, world affairs and survival training. Extra-curricular activities include marksmanship programs, exhibition marching drill teams, ceremonial color guard and other sports and social events.

ROTC level is based on the years of participation, not grade level.

5895 ROTC I

03160100

GRADE: 9-12

CREDIT: 1 UNIT

5896 ROTC II

03160200

GRADE: 10-12

PREREQUISITE: ROTC I, Instructor Approval

CREDIT: 1 UNIT

5897 ROTC III

03160300

GRADE: 11-12

PREREQUISITE: ROTC II, Instructor Approval

CREDIT: 1 UNIT

5898 ROTC IV

03160400

GRADE: 11-12

PREREQUISITE: ROTC III, Instructor Approval

CREDIT: 1 UNIT

5899 JROTC

PES00004

GRADE: 9-12

CREDIT: 1 UNIT (PE)

Should be taken in lieu of 5895 ROTC I if PE credit is needed. Students would then follow the ROTC II-IV sequence.

Marching Band, Drill Team, Dance I and Vocal Ensemble descriptions are listed within the Fine Arts section of this guide. Marching Band and Drill Team earn ½ credit toward PE from the fall semester in addition to the Fine Arts credit earned by the course. Dance I and Vocal Ensemble earn 1 full credit toward PE in addition to the Fine Arts credit earned by the course.

HEALTH

Health

03810100

GRADE PLACEMENT: 9-12

CREDIT: ½ UNIT

Provides knowledge and understanding of the following areas; mental health, stress, depression, suicide, personality, nutrition, dieting, healthy and unhealthy relationships, male and female reproduction, CPR, first aid, STI's, alcohol, tobacco and drugs.

5910 Health

9250 Applied Health

Student will focus on making healthy lifestyle decisions including personal health and hygiene issues, and social skills development. Adapted to meet the needs outlined in student's IEP.

9251 Applied Health Plus

Student will continue to study health awareness and its application to current events, access to health and social services within the community, wellness strategies, mental health awareness, and substance abuse. Adapted to meet the needs outlined in student's IEP.

9150 Developmental Health

Individualized instruction for students with severe cognitive and physical disabilities.
– only at RLT.

FINE ARTS

All students must complete 1 credit of Fine Arts for graduation. This Fine Arts credit may be from a variety of courses including Visual, Music, and Performance Arts.



Visual

- **Art I**
 - Beginning
 - Intermediate
- **Applied & Developmental**
 - Fine Arts I
 - Fine Arts Plus



Music

- **Band I**
 - Marching/Ensemble
 - Percussion
 - Color Guard
- **Choir I**
 - Tenor-Bass
 - Treble
- **Orchestra I**



Performance

- **Dance I**
 - Beginning
 - Folklorico
 - Drill Team
- **Theatre I**
- **Technical Theatre I**

Students are encouraged to further their exposure to the Arts by taking additional classes of the same focus or exploring other Fine Arts throughout their high school years.



Visual

- **Art II-IV**
 - Ceramics
 - Drawing
 - Jewelry
 - Painting
 - Sculpting
- **AP Studio Art Drawing**
- **AP Studio Art 2D**
- **AP Studio Art 3D**
- **AP Art History**
- **Independent Study**



Music

- **Band II-IV**
 - Marching/Ensemble
 - Concert
 - Winds
 - Symphonic
 - Percussion
 - Color Guard
 - Jazz/Stage
- **Choir II-IV**
 - Tenor-Bass
 - Treble
 - A'Cappella
 - Vocal Ensemble
- **Orchestra II-IV**
 - Concert
 - Philharmonic
 - Symphonic
 - Camerata
 - Chamber
- **Music Thoery**
- **OnLevel, AP**



Performance

- **Dance II-IV**
 - Advanced
 - Independent Study
 - Folklorico
 - Company
 - Ensemble
 - Drill Team
- **Theatre II-IV**
 - Advanced
 - Independent Study
- **Technical Theatre II-IV**
 - Advanced
 - Independent Study
- **Theatre Production**

VISUAL ARTS

Evaluation of art work is a critical component of all Visual Art classes.

Students registering for Visual Arts courses should expect either to pay a fee for the purchase of consumable media specific tools or will receive a list of consumable items to be purchased by the student and used in class.

Art I

3500100

Provides foundation for the art student who has had no previous art classes. Emphasizes the study of basic art concepts by introducing the importance of recognizing, understanding and using the art elements and principles of design in composition.

2500 Art I Beginning

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

2501 Art I Intermediate

GRADE PLACEMENT: 9-10

PREREQUISITE: Middle School Teacher recommendation OR Portfolio Review by High School Teacher

CREDIT: 1 UNIT

Investigates the beginning art concepts and emphasizes the skill development and level of expectation at a faster pace than the regular Art I class.

Applied/Developmental Fine Arts

GRADE PLACEMENT: 9+

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will explore life around them and increase problem-solving and fine motor skills, and sharpen communication skills by exposure to various arts, music, and culinary activities. Adapted to meet the needs outlined in student's IEP.

9261 Applied Fine Arts I

9161 Developmental Fine Arts I (only at RLT)

9262 Applied Fine Arts II 84500262 (Local)

9162 Developmental Fine Arts II

84500162 (Local, Only at RLT)

Advanced Art II-IV

Advanced Levels of Visual Arts courses focus on specific art mediums including Ceramics, Drawing, Jewelry, Painting, and Sculpting. Not all mediums are taught at each campus. Students select which art medium they wish to study in depth. Year II expands the student's experience with the art medium and introduces techniques and tools specific to that art. Years III and IV extend previous skills and provide opportunities for reflection, self-evaluation, explore personal style and insight. Sketch books and journals are required. Portfolios of the student's body of work will be prepared to showcase their creations.

2525 Art II - Ceramics

3500900

GRADE PLACEMENT: 10-12

PREREQUISITE: Art I AND Portfolio Review

CREDIT: 1 UNIT

2527 Art IV - Ceramics

3502700

GRADE PLACEMENT: 12

PREREQUISITE: Ceramics III

CREDIT: 1 UNIT

2526 Art III - Ceramics

3501800

GRADE PLACEMENT: 11-12

PREREQUISITE: Ceramics II

CREDIT: 1 UNIT

2519 Art II - Drawing

3500500

GRADE PLACEMENT: 10-12

PREREQUISITE: Art I AND Portfolio Review

CREDIT: 1 UNIT

2520 Art III - Drawing

3501300

GRADE PLACEMENT: 11-12

PREREQUISITE: Drawing II

CREDIT: 1 UNIT

2521 Art IV - Drawing

3502300

GRADE PLACEMENT: 12

PREREQUISITE: Drawing III

CREDIT: 1 UNIT

2528 Art II - Jewelry

3501100

GRADE PLACEMENT: 10-12

PREREQUISITE: Art I AND Portfolio Review

CREDIT: 1 UNIT

2529 Art III - Jewelry

3502000

GRADE PLACEMENT: 11-12

PREREQUISITE: Jewelry II

CREDIT: 1 UNIT

2530 Art IV - Jewelry

3502900

GRADE PLACEMENT: 12

PREREQUISITE: Jewelry III

CREDIT: 1 UNIT

2502 Art II – Painting

3500600

GRADE PLACEMENT: 10-12

PREREQUISITE: Art I AND Portfolio Review

CREDIT: 1 UNIT

2503 Art III - Painting

3501400

GRADE PLACEMENT: 11-12

PREREQUISITE: Painting II

CREDIT: 1 UNIT

2504 Art IV - Painting

3502400

GRADE PLACEMENT: 12

PREREQUISITE: Painting III

CREDIT: 1 UNIT

2531 Art II - Sculpture

3501000

GRADE PLACEMENT: 10-12

PREREQUISITE: Art I AND Portfolio Review

CREDIT: 1 UNIT

2532 Art III - Sculpture

3501900

GRADE PLACEMENT: 11-12

PREREQUISITE: Sculpture II

CREDIT: 1 UNIT

2533 Art IV - Sculpture

3502800

GRADE PLACEMENT: 12

PREREQUISITE: Sculpture III

CREDIT: 1 UNIT

Advanced Visual Arts – AP & Independent Study**AP Studio Art**

GRADE PLACEMENT: 11-12

PREREQUISITE: Art II (any medium), Portfolio Review of 6-8 original works and sketchbook, teacher recommendation

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

2515 AP Studio Art/Drawing Portfolio

A3500300

The drawing portfolio is designed to address a very broad interpretation of drawing issues which will be done through a variety of means: media and technique and style. The drawing portfolio stresses three concerns – quality, concentration, and breadth.

2555 AP Studio Art/2-D Design Portfolio

A3500400

The 2-D design portfolio addresses a very broad interpretation of two-dimensional (2-D) design issues involving purposeful use of the elements and principles of art in an integrative way. Students are asked to demonstrate three concerns – quality,

concentration, and breadth. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio.

2556 AP Studio Art/3-D Design Portfolio

A3500500

The 3-D design portfolio is intended to address a broad interpretation of sculptural issues in depth and space. Such elements and concepts may be articulated through additive, subtractive and /or fabrication processes. Students are asked to demonstrate three concerns – quality, concentration, and breadth. Students present selected works they have done throughout the year for evaluation.

2542 AP Art History

A3500100

NO PREREQUISITES

Examines political, geographic and cultural influencing factors in Western & non-Western art. Provides a general survey of art history, including sculpture, architecture and painting. Emphasizes critiquing artwork through concrete written statements.

2510 Independent Study in Art

84500510

GRADE PLACEMENT: 11-12

PREREQUISITE: Art I, Teacher Approval

CREDIT: 1 UNIT (Local)

Individualizes for the student with special interest in and proven aptitude for two and/or three-dimensional media. Emphasizes student's special aptitude area and goals jointly written with the teacher. Allows for individual freedom in creative discoveries.

PERFORMANCE ARTS

Dance

3830100, 3830200, 3830300, 3830400

Year I introduces basic movement skills and an awareness of fundamental dance vocabulary in any or all of the following styles: aerobics, ballet, folk, modern, jazz and tap. Addresses the history of dance as an art form, choreography techniques, and performance skills. Years II-IV provide involvement with movement skills and dance vocabulary at the intermediate to advanced level and continued development in all areas previously covered. Improvisation, informal presentations, and critiquing will be explored. In addition to choreography and manipulation of body, space, force and time, Year IV will focus on production and performance skills.

All Dance class levels are based on years of participation, not grade or skill level. Year I of Dance, Folklorico and Dance Company can earn an additional PE credit if one is not already earned through athletics or a prior year of PE.

2401 Dance I

GRADE PLACEMENT: 9-12
CREDIT: 2 UNITS (1 FA, 1 PE)

2402 Dance II

GRADE PLACEMENT: 10-12
PREREQUISITE: Dance I
CREDIT: 1 UNIT

2403 Dance III

GRADE PLACEMENT: 11-12
PREREQUISITE: Dance II
CREDIT: 1 UNIT

2404 Dance IV

GRADE PLACEMENT: 12
PREREQUISITE: Dance III
CREDIT: 1 UNIT

2405 Independent Study in Dance

84500405
GRADE PLACEMENT: 11-12
PREREQUISITE: Instructor Approval
CREDIT: 1 UNIT (Local)
Explores elements of teaching and choreography. This course is designed to further the dancer's experience.

Dance - Folklorico

3830100, 3830200, 3830300, 3830400

Teaches Folk dances of Mexico and other Latin American countries with performance of such dances as the indication of mastery. Students will also be expected to learn the history and traditions of the period of music taught.

2407 Dance I - Folklorico

GRADE PLACEMENT: 9-12
CREDIT: 2 UNITS (1 FA, 1 PE)

2408 Dance II - Folklorico

GRADE PLACEMENT: 10-12
PREREQUISITE: Folklorico I
CREDIT: 1 UNIT

2409 Dance III - Folklorico

GRADE PLACEMENT: 11-12
PREREQUISITE: Folklorico II
CREDIT: 1 UNIT

2410 Dance IV - Folklorico

GRADE PLACEMENT: 12
PREREQUISITE: Folklorico III
CREDIT: 1 UNIT

Dance - Company

3830100, 3830200, 3830300, 3830400

PREREQUISITE: Audition each year

CREDIT: 1 UNIT

Affords these students the opportunity to develop their technique in a variety of genres more rapidly and more in depth. Designed to be a special ensemble class for the more advanced dancer. Students will be required to participate in dance performances. Dance attire and costumes will be required.

2400 DANCE COMPANY I

GRADE PLACEMENT: 9-12

CREDIT: 2 UNITS (1 FA, 1 PE)

2419 DANCE COMPANY III

GRADE PLACEMENT: 11-12

PREREQUISITE: Dance Company II

2418 DANCE COMPANY II

GRADE PLACEMENT: 10-12

PREREQUISITE: Dance Company I

2420 DANCE COMPANY IV

GRADE PLACEMENT: 12

PREREQUISITE: Dance Company III

Dance – Performance Ensemble

3833400, 3833500, 3833600

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

This is an intense interdisciplinary program that combines performance elements such as dance, music, costume, and theatrical design with performance opportunities for small dance ensembles. Instruction covers methods of dance as well as performance enhancing strategies.

2411 Dance Performance Ensemble II

GRADE PLACEMENT: 10-12

2414 Dance Performance Ensemble IV

GRADE PLACEMENT: 12

2412 Dance Performance Ensemble III

GRADE PLACEMENT: 11-12

Dance – Drill Team

3830100, 3830200, 3830300, 3830400

PREREQUISITE: Audition Only

This ensemble performs at athletic and special events throughout the school year and participates in dance competitions in the spring semester. Summer clinics are required. Dancers must maintain eligibility to perform. Fees for uniforms, practice outfits, clinics, and other items are required. *First year Drill Team members should be placed in 5625 regardless of Dance I credit previously earned.*

5625 Dance – Drill Team I

GRADE PLACEMENT: 9-12

CREDIT: 1.5 UNITS (Fall PE, Full Year FA)

5627 Dance – Drill Team III

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT (FA Only)

5626 Dance – Drill Team II

GRADE PLACEMENT: 10-12

CREDIT: 1.5 UNITS (Fall PE, Full Year FA)

5628 Dance – Drill Team IV

GRADE PLACEMENT: 12

CREDIT: 1 UNIT (FA Only)

Theatre

3250100, 3250100, 3250100, 3250100

All theatre courses require after school participation.

Year I introduces the basic components of theatre skills through which the student begins to develop an appreciation of live theatre, the various performing arts, and a study of plays. This introductory theatre course requires attendance of productions and minimal after school rehearsal. Years 2-4 investigate further the world of acting and theatre production. Character study and play analysis allow the Theatre student to explore performing a role, development of creative skill and relating to other actors in a meaningful way, with special emphasis on competitive work and department productions. Advanced Theatre courses require attendance and participation in productions and competitions.

2870 Theatre Arts I

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

2869 Theatre Arts I – Intermediate

GRADE PLACEMENT: 9

PREREQUISITE: Middle School Teacher recommendation OR Audition/Review by High School Teacher

CREDIT: 1 UNIT

2871 Theatre Arts II

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

2872 Theatre Arts III

GRADE PLACEMENT: 9-12

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

2873 Theatre Arts IV

GRADE PLACEMENT: 9-12

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

2874 Independent Study – Theatre Arts

85000874

GRADE PLACEMENT: 11-12

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT (Local)

Emphasizes performance and competitive activities and allows students who need more flexibility to focus independently on performance techniques. Requires participation in production and competitive activities.

Technical Theatre

3250500, 3250600, 3251100, 3251200

All technical theatre courses require after school participation.

Year I involves students in scenery construction, lighting, costumes, make-up, properties and sound reinforcement for an actual theatre production. This introductory technical theatre course requires attendance of productions. Years 2-4 explore the technical and business aspects of the theatre and the application of these methods and procedures with the major portion of class time spent on actual work on a production. These advanced technical theatre courses encourage students to learn all aspects of technical production and then concentrate on those skills which are of most interest to them. Students in Years 2-4 are required to attend productions, competitive activities and some after school rehearsal.

2875 Technical Theatre I

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

2876 Technical Theatre II

GRADE PLACEMENT: 10-12

PREREQUISITE: Tech I

CREDIT: 1 UNIT

2877 Technical Theatre III

GRADE PLACEMENT: 11-12

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT

2878 Technical Theatre IV

GRADE PLACEMENT: 12

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT

2827 Independent Study – Technical Theatre 85000827

GRADE PLACEMENT: 11-12

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT (Local)

Continues technical study for students who need more flexibility. Emphasizes continued development in all areas of technical theatre and allows students to focus independently in their areas of interest. Some production work and lab time are REQUIRED. Occasional substitution of major research and/or design work is possible by contract. Requires participation in production.

Theatre Production

3250700, 3250800, 3250900, 3251000

Practical experiences in performance and stagecraft are provided through the preparation and public performances of one or more plays/musicals. Theatre Production is designed for both the actor and the tech.

2880 Theatre Production I

2881 Theatre Production II

2882 Theatre Production III

2883 Theatre Production IV

MUSIC ARTS

A maintenance fee may be charged to students for the use of uniforms and school-owned instruments. Some activities may require personal expenses. The music director of the program will furnish specific details. All Music Arts courses require performances and rehearsals outside of the school day.

Band – Marching/Ensemble

3150100, 3150200, 3150300, 3150400

PREREQUISITE: Audition Only

CREDIT: 1 UNIT or 1.5 UNIT (1 FA for the full year, .5 PE for fall semester of Marching Band I & II only, for students not also in a PE/athletics course)

Students participate in both marching and formal performances throughout the school year. The various band ensembles reflect the degree of performance ability for the students involved. The marching season begins in August and continues through the end of football season. Marching band performances include football half-time shows, local parades, and one or more marching contests. Students also participate in several concerts each year and UIL Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts. Band level is based on years of participation, not grade level.

2706 Marching/Concert Band I

GRADE PLACEMENT: 9-12

2707 Marching/Concert Band II

GRADE PLACEMENT: 10-12

2708 Marching/Concert Band III

GRADE PLACEMENT: 11-12

2709 Marching/Concert Band IV

GRADE PLACEMENT: 12

2701 Marching/Symphonic Band I

GRADE PLACEMENT: 9-12

2702 Marching/Symphonic Band II

GRADE PLACEMENT: 10-12

2703 Marching/Symphonic Band III

GRADE PLACEMENT: 11-12

2704 Marching/Symphonic Band IV

GRADE PLACEMENT: 12

2696 Marching/Varsity Band I

GRADE PLACEMENT: 9-12

2697 Marching/Varsity Band II

GRADE PLACEMENT: 10-12

2698 Marching/Varsity Band III

GRADE PLACEMENT: 11-12

2699 Marching/Varsity Band IV

GRADE PLACEMENT: 12

2692 Marching/Wind Ensemble I

GRADE PLACEMENT: 9-12

2693 Marching/Wind Ensemble II

GRADE PLACEMENT: 10-12

2694 Marching/Wind Ensemble III

GRADE PLACEMENT: 11-12

2695 Marching/Wind Ensemble IV

GRADE PLACEMENT: 12

Band – Stage/Jazz

3151300, 3151400, 3151500, 3151600

CREDIT: 1 UNIT

Audition and concurrent enrollment in Marching Band is required for this additional band course. Students wishing to play keyboard, guitar or bass guitar may audition and do not need to be in marching band. This unique ensemble seeks to explore different styles (Jazz, Latin, Rock, etc.) available to the Big Band setting. In addition to reading music, the students will work in the area of improvisation.

2721 Stage/Jazz Band I

GRADE PLACEMENT: 9-12

2723 Stage/Jazz Band III

GRADE PLACEMENT: 11-12

2722 Stage/Jazz Band II

GRADE PLACEMENT: 10-12

2724 Stage/Jazz Band IV

GRADE PLACEMENT: 12

Color Guard/Winter Guard

PREREQUISITE: Audition Only

CREDIT: 1.5 UNITS (1 FA for the full year, .5 PE for fall semester during Marching season I & II)

Membership in the Color Guard is open to all students in 9th through 12th grade through auditions held each spring. This group is a vital part of the band presentations through the use of extensive choreography, flags, and props. Members must be in high academic standing and display a strong sense of physical coordination. In addition, the group performs at various NTCA and WGI winter guard competitions each spring throughout the area and state. Students interested in Color Guard/Winter Guard should speak with the Band Director about which Marching/Ensemble to enroll in for their school.

Orchestra Ensemble

3150500, 3150600, 3150700, 3150800

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

The orchestra courses offered to high school students are strings-only ensembles except upon director approval. Each ensemble emphasizes the continuing development of string techniques and quality tone production. Students are instructed in methods of evaluating quality performances. Participation in solos, ensembles and region tryouts are encouraged. Students participate in several concerts each year and UIL Concert and Sight-reading competitions. Orchestra level is based on years of participation, not grade level.

2761 Concert Orchestra I

GRADE PLACEMENT: 9-12

2762 Concert Orchestra II

GRADE PLACEMENT: 10-12

2763 Concert Orchestra III

GRADE PLACEMENT: 11-12

2764 Concert Orchestra IV

GRADE PLACEMENT: 12

2766 Philharmonic Orchestra I

GRADE PLACEMENT: 9-12

2767 Philharmonic Orchestra II

GRADE PLACEMENT: 10-12

2768 Philharmonic Orchestra III

GRADE PLACEMENT: 11-12

2769 Philharmonic Orchestra IV

GRADE PLACEMENT: 12

2780 Camerata Orchestra I

GRADE PLACEMENT: 9-12

2765 Camerata Orchestra II

GRADE PLACEMENT: 10-12

2770 Camerata Orchestra III

GRADE PLACEMENT: 11-12

2775 Camerata Orchestra IV

GRADE PLACEMENT: 12

2771 Symphonic Orchestra I

GRADE PLACEMENT: 9-12

2772 Symphonic Orchestra II

GRADE PLACEMENT: 10-12

2773 Symphonic Orchestra III

GRADE PLACEMENT: 11-12

2774 Symphonic Orchestra IV

GRADE PLACEMENT: 12

Chamber Orchestra

3151700, 3151800, 3151900, 3152000

CREDIT: 1 UNIT

Audition and concurrent enrollment in an orchestra ensemble is required for this additional orchestra course. Chamber Orchestra affords string students the opportunity to develop stronger playing skills more rapidly and in more depth. All prerequisites and course descriptions relating to corresponding orchestra classes are also applicable to this class.

2805 Chamber Orchestra I

GRADE PLACEMENT: 9-12

2806 Chamber Orchestra II

GRADE PLACEMENT: 10-12

2807 Chamber Orchestra III

GRADE PLACEMENT: 11-12

2808 Chamber Orchestra IV

GRADE PLACEMENT: 9-12

Choir Ensemble

3150900, 3151000, 3151100, 3151200

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

Develops and appreciation of choral music and desirable vocal skills through the rehearsal and performance of a variety of styles of appropriate choral literature. Fundamentals of Music Theory will be emphasized through sight reading and rhythmic drill exercises. The choir will perform at concerts and/or choral competitions as deemed appropriate by the director. Advanced levels provide experiences for the vocal student who has proven to be able to exceed or excel in the areas of vocal technique, sight-reading, intervallic, and rhythmic analysis, while continuing to perform the most difficult music available for high school treble or mixed choirs. All vocal students are encouraged to participate in UIL Solo and Ensemble Contest and TMEA All-Region auditions. TMEA All-Region auditions may be required at the advanced levels. Choir level is based on years of participation, not grade level.

2776 Tenor-Bass Concert Choir I

GRADE PLACEMENT: 9-12

2777 Tenor-Bass Concert Choir II

GRADE PLACEMENT: 10-12

2778 Tenor-Bass Concert Choir III

GRADE PLACEMENT: 11-12

2779 Tenor-Bass Concert Choir IV

GRADE PLACEMENT: 12

2781 Treble Concert Choir I

GRADE PLACEMENT: 9-12

2782 Treble Concert Choir II

GRADE PLACEMENT: 10-12

2783 Treble Concert Choir III

GRADE PLACEMENT: 11-12

2784 Treble Concert Choir IV

GRADE PLACEMENT: 12

2786 Treble Select Choir I

GRADE PLACEMENT: 9-12

2787 Treble Select Choir II

GRADE PLACEMENT: 9-12

2788 Treble Select Choir III

GRADE PLACEMENT: 9-12

2789 Treble Select Choir IV

GRADE PLACEMENT: 9-12

2791 A'Cappella Choir I

GRADE PLACEMENT: 9-12

2792 A'Cappella Choir II

GRADE PLACEMENT: 10-12

2793 A'Cappella Choir III

GRADE PLACEMENT: 11-12

2794 A'Cappella Choir IV

GRADE PLACEMENT: 12

Choir – Vocal Ensemble/Show Choir

3152100, 3152200, 3152300, 3152400, or PES00056 (for PE credit)

CREDIT: 1 UNIT (either FA or PE)

Audition and concurrent enrollment in a Choir Ensemble group is required for this additional choir course. Instrumentalists may join by audition only. Vocal Ensemble offers more talented student an opportunity to experience, through performance, methods and styles appropriate to the type of vocal ensemble (madrigals, jazz choir, show choir, pop choir, etc.). This ensemble performs a rigorous schedule of concerts and/or vocal competitions. A performance outfit fee applies. See the choir director for details.

2801 Vocal Ensemble I

GRADE PLACEMENT: 9-12

2801P Vocal Ensemble I (for PE credit)

GRADE PLACEMENT: 9-12

2802 Vocal Ensemble II

GRADE PLACEMENT: 10-12

2802P Vocal Ensemble II (for PE credit)

GRADE PLACEMENT: 10-12

2803 Vocal Ensemble III

GRADE PLACEMENT: 11-12

2803P Vocal Ensemble III (for PE credit)

GRADE PLACEMENT: 11-12

2804 Vocal Ensemble IV

GRADE PLACEMENT: 12

2804P Vocal Ensemble IV (for PE credit)

GRADE PLACEMENT: 12

Other Music Courses

Music Theory

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT

Broadens the knowledge of the more serious student of music in fundamentals with emphasis on related skills in ear training, sight-singing and keyboard harmony and composition.

2711 Music Theory I 03155400

2712 Music Theory II 03155500

2715 AP Music Theory

A3150200

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Introduces musicianship, theory, musical materials and procedure. It integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. The student's ability to read and write musical notation is fundamental to such a course.

CAREER AND TECHNICAL EDUCATION (CTE)

CTE courses are designed to introduce, explore, and enhance student knowledge in a variety of post-secondary fields of work. Programs of Study align these CTE courses into sequences that prepare students with the knowledge and skills necessary for success in their chosen career. These sequences embed relevant, real world experiences and can culminate in an industry-based certification.

All students are encouraged to fulfill the remaining credits for graduation through a Program of Study. Completing a career pathway within a Program of Study can lead to an Endorsement in Arts & Humanities, Business & Industry, Public Services, or Science Technology Engineering & Mathematics (STEM).

Students can choose from the following Programs of Study in CFBISD.

Agriculture, Food and Natural Resources <ul style="list-style-type: none">•Animal Science•Plant Science	Architecture and Construction <ul style="list-style-type: none">•Construction Management and Inspection•Architectural Design•Carpentry•HVAC and Sheet Metal•Electrical	Arts, Audio/Video Technology and Communications <ul style="list-style-type: none">•Design and Multimedia Arts•Digital Communications•Cosmetology	Business, Marketing and Finance <ul style="list-style-type: none">•Accounting and Financial Services•Business Management•Entrepreneurship•Marketing and Sales	Education and Training <ul style="list-style-type: none">•Teaching and Training
Energy <ul style="list-style-type: none">•Oil and Gas Exploration & Production•Refining & Chemical Processes	Health Science <ul style="list-style-type: none">•Health Informatics•Healthcare Therapeutic•Exercise Science & Wellness	Hospitality and Tourism <ul style="list-style-type: none">•Culinary Arts•Lodging and Resort Management	Human Services <ul style="list-style-type: none">•Family and Community Services•Health & Wellness	Information Technology <ul style="list-style-type: none">•Information Technology Support and Services•Networking Systems•Web Development•Cybersecurity
Law and Public Service <ul style="list-style-type: none">•Emergency Services•Government & Public Information•Law Enforcement•Legal Studies	Manufacturing <ul style="list-style-type: none">•Advanced Manufacturing and Machinery Mechanics•Manufacturing Technology•Welding	Science, Technology, Engineering and Mathematics <ul style="list-style-type: none">•Biomedical Science•Engineering•Programming and Software Development•Renewable Energy•Cybersecurity	Transportation, Distribution and Logistics <ul style="list-style-type: none">•Automotive•Diesel and Heavy Equipment	

More information is available on the district website:

<https://www.cfbisd.edu/departments/teaching-and-learning/curriculum-instruction/career-and-technical-education>

AGRICULTURE, FOOD AND NATURAL RESOURCES (AFNR)



Animal Science - <https://tea.texas.gov/sites/default/files/afnr-animal-science.pdf>

Industry Certification: Licensed Veterinary Technician



Plant Science - <https://tea.texas.gov/sites/default/files/afnr-plant-science.pdf>

Industry Certifications: Texas State Florists Association Level I and Level II, Texas Certified Nursery Professional

8217 Principle of Agriculture, Food and Natural Resources

13000200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Enhances the agricultural comprehension of young adults. Includes agricultural career development, leadership, communications and personal finances. This course also includes the overview of soil and plants, animals, and agricultural construction.

8218 Livestock Production

13000300

GRADE PLACEMENT: 10-12

PREREQUISITE: Principles of AFNR

CREDIT: 1 UNIT

Introduces the common veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals.

8219 Wildlife, Fisheries and Ecology Management

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course examines the management of game and non-game wildlife species, fish, aqua-crops and their ecological needs related to current agricultural practices.

8220 Small Animal Management

13000400

GRADE PLACEMENT: 9-12

PREREQUISITE: Principles of AFNR

CREDIT: ½ UNIT

Focuses on working in small animal industry, animal rights and welfare, career opportunity in small animal care. This

course is recommended for those that have an interest in the Animal industry.

8221 Equine Science

13000500

GRADE PLACEMENT: 10-12

PREREQUISITE: Principles of AFNR

CREDIT: ½ UNIT

Develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. This course is recommended for those that have an interest in the Animal Industry.

8222L Veterinary Medical Applications

13000610

GRADE PLACEMENT: 11-12

PREREQUISITE: 8220, 8221, or 8218

CREDIT: 2 UNITS

Develop and expand the knowledge, techniques and skills pertaining to Veterinary Technical Assistant area. This course is designed as a laboratory-oriented course that allows students hands-on experience within the area of diagnostic testing, client records, employer/employee relationship, and techniques used in surgical practices.

8223 Advanced Animal Science

13000700

GRADE PLACEMENT: 12

PREREQUISITE: Algebra I, Geometry, Biology, IPC/Chem and 8220, 8221 or 8218

CREDIT: 1 UNIT

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional

requirements, and disease and parasites of livestock. This class is recommended for those students with an interest in the Animal Industry. This course counts as a 4th science credit.

8224 Agriculture Mechanics and Metal Technologies 13002200

GRADE PLACEMENT: 10-12

PREREQUISITE: 8217

CREDIT: 1 UNIT

The course develops an understanding of safety and skill in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

8225 Practicum in AFNR
13002500

GRADE PLACEMENT: 12

PREREQUISITE: 8222

CREDIT: 2 UNITS

Provides students with a non-paid internship arrangement between the high school and agriculture industry. It provides juniors and seniors with a professional internship experience. Students recognize the value of effective work ethics and attitudes and develop communications and problem-solving skills.

8226 Floral Design

13001800

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Develops students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students

will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. This course satisfies the fine arts graduation requirement.

8337 Advanced Floral Design

N1300270

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

This Advanced Floral course focuses on building advanced skills in floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event.

8338 Greenhouse Operation and Production

13002050

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace

8338L Greenhouse Operations with Agricultural Laboratory and Field Experience

13002060

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

Designed to provide students a laboratory and/or field experience opportunity.

ARCHITECTURE AND CONSTRUCTION



CONSTRUCTION MANAGEMENT AND INSPECTION <https://tea.texas.gov/sites/default/files/ac-construction-management-and-inspection.pdf>

Industry Certifications: NCCER Core Curriculum, OSHA 30Hr Construction



ARCHITECTURAL DESIGN <https://tea.texas.gov/sites/default/files/ac-architectural-design.pdf>

Industry Certifications: Autodesk Certified User



HVAC <https://tea.texas.gov/sites/default/files/ac-hvac-and-sheet-metal.pdf>

Industry Certifications: EPA-608 Refrigerant Handling



CARPENTRY <https://tea.texas.gov/sites/default/files/ac-carpentry.pdf>

Industry Certifications: NCCER Core Curriculum, NCCER Carpentry Level I and Level II

8241 Principles of Architecture

13004210

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces students to the basic knowledge and skills related to the career opportunities and training and training in the architecture field.

8242 Principles of Construction

13004220

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces students to the basic knowledge and skills related to the career opportunities and training in the architecture and construction fields. Construction, math, safety, hand power tools, communication skills, employability skills, material handling and construction drawings are included.

ARCHITECTURAL DESIGN

Students gain knowledge and skills specific to those needed to enter a career in architecture or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design and landscape architecture. Architectural Design includes the design, design history, techniques, and tools related to the production of drawings, renderings and scale models for residential architectural purposes. Year II students learn

advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.

8243 Architectural Design I

13004600

GRADE PLACEMENT: 10-12

PREREQUISITE: Alg I, Eng I

CREDIT: 1 UNIT

8307 Architectural Design II

13004700

GRADE PLACEMENT: 10-12

PREREQUISITE: 8243

CREDIT: 1 UNIT

8304 Electrical Technology I

13005600

GRADE PLACEMENT: 10-12

PREREQUISITE: 8241 or 8242

CREDIT: 1 UNIT

Gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading

of electrical drawings, schematics, and specifications.

CONSTRUCTION MANAGEMENT

Construction Management includes the knowledge of design techniques and tools related to the management of architectural and engineering projects. Students will gain knowledge and skills to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Year II students will continue their growth in understanding of knowledge of design techniques and tools related to the management of architectural and engineering projects. They will be able to enter the workforce as carpenters, building maintenance technicians, or supervisors.

8240 Construction Management I

13004900

GRADE PLACEMENT: 10-12

PREREQUISITE: 8241 or 8242

CREDIT: 2 UNITS

8305 Construction Management II

13005000

GRADE PLACEMENT: 11-12

PREREQUISITE: 8240

CREDIT: 2 UNITS

CONSTRUCTION TECHNOLOGY

Gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. Year II students will build on the knowledge base from Construction

Technology I and are introduced to exterior and interior finish out skills.

For safety and liability considerations, limiting course enrollment to 15 students is recommended.

8245 Construction Technology I

13005100

GRADE PLACEMENT: 10-12

PREREQUISITE: 8241 or 8242

CREDIT: 2 UNITS

8246 Construction Technology II

13005200

GRADE PLACEMENT: 12

PREREQUISITE: 8245

CREDIT: 2 UNITS

8247 Practicum in Construction Technology

13005250

GRADE PLACEMENT: 12

PREREQUISITE: 8246

CREDIT: 2 UNITS

Designed to provide classroom technical instruction and on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

8400 Civil Engineering and Architecture

N1303747

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Introduces important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software.

HVAC AND REFRIGERATION TECHNOLOGY

These courses allow students to gain knowledge and skills needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance industry, prepare for a postsecondary degree in a specified field of construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

8302 HVAC & Refrigeration Tech I

13005800

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

8303 HVAC & Refrigeration Tech II

13005900

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

INTERIOR DESIGN

Year I is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, promote sustainability, and compete in industry. Year II is a technical lab course that includes the application of Year I topics in real-world situations and setting to meet industry standards.

8244 Interior Design I

13004300

GRADE PLACEMENT: 10-12

PREREQUISITE: 8241, 8142, or 8143

CREDIT: 1 UNIT

8344 Interior Design II

13004400

GRADE PLACEMENT: 11-12

PREREQUISITE: Alg I, Geom, & 8244

CREDIT: 2 UNITS

ARTS, A/V TECHNOLOGY AND COMMUNICATION



DESIGN AND MULTIMEDIA COMMUNICATIONS <https://tea.texas.gov/sites/default/files/aavtc-graphic-design-and-multimedia-arts.pdf>

Industry Certifications: Adobe Certified Associate, Adobe Certified Expert, Apple Logic Pro X



DIGITAL COMMUNICATIONS <https://tea.texas.gov/sites/default/files/aavtc-digital-communications.pdf>

Industry Certifications: Adobe Certified Assoc and Expert, Apple Logic Pro X, Apple Final Cut



COSMETOLOGY <https://tea.texas.gov/sites/default/files/hs-cosmetology-and-personal-care-services.pdf>

Industry Certifications: Cosmetology Operator License

8291 Principles of Arts, A/V Technology and Communications 13008200

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Introduces students to careers in the AAVTC career cluster. Students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

8174 Digital Media

13027800

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Students demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

8290 Video Game Design

13009970

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision

theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

8390 Digital Art and Animation

03580500

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

NOTE: Satisfies FA credit for graduation
Students create computer images and animations using digital imaging software producing various real-world projects and animations.

ANIMATION

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Careers in animation span all aspects of motion graphics. Within this context, students will be expected to develop an understanding of the history and techniques of the animation industry. Year II builds on that understanding and offers opportunities to apply animation techniques and skill to a variety of projects.

8292 Animation I

13008300

8392 Animation II

13008400

8393 Practicum in Animation

13008450 (2 UNITS)

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

Careers in animation span all aspects of the arts, audio/video technology, and communications industry. Building upon the concepts taught in Animation II and its corequisite Animation II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation products in a professional environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

A/V PRODUCTION

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities in a studio environment. This course may be implemented in an advanced audio, video, or animation format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

8293 Audio/Video Production I

13008500

8391 A/V Production II

13008600

8294 Practicum in A/V Production

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

13008700

Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

8385 Digital Audio Technology I

13009950

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Provides students interested in audio production careers such as audio for radio and television broadcasting, audio for video and film, audio for animation and game design, music production and live sound, and additional opportunities and skill sets.

GRAPHIC DESIGN & ILLUSTRATION

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. In Year II, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

Some Graphic Design and Illustration student projects may include working on the campus yearbook photography, layout, edits, and stories.

8295 Graphic Design and Illustration I
13008800

8296 Graphic Design and Illustration II
13008900

8446 Practicum in Graphic Design and Illustration

13009000

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

COMMERCIAL PHOTOGRAPHY

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. Students will develop an understanding of the commercial photography industry with a focus on creating quality photographs and

pursuing a professional career in photography.

8297 Commercial Photography I
13009100

8298 Commercial Photography II
13009200

8309 Practicum in Commercial Photography

13009250

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

Develop advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster. Students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

FASHION DESIGN

Fashion Design focuses on all aspects of the fashion, textile and apparel industries. Students will be exposed to the apparel production process from design concept to finished product. Students will be expected to develop an understanding of the fashion industry with an emphasis on design, care, maintenance and construction.

8299 Fashion Design I
13009300

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

8301 Fashion Design II
13009300

GRADE PLACEMENT: 11-12

PREREQUISITE: 8299

CREDIT: 1 UNIT

COSMETOLOGY

8214 Introduction to Cosmetology

13025100

GRADE PLACEMENT: 9-10

PREREQUISITE: Only at RLT

CREDIT: 1 UNIT

Provides students with introductory theory needed to achieve their Texas Cosmetology License. This curriculum has been designed in compliance with the rules of the Texas Department of Licensing and Regulation and Public Secondary Programs for High School Students. Students are required to fill out an application and upon acceptance, purchase a \$25 student permit from TDLR (Non-Refundable). Students must clock a minimum of 150 hours during this year to progress to Cosmetology I. Concurrent students are welcome but are required to transfer to R.L. Turner High School to complete Cosmetology 1 and Cosmetology 2 in order to finish the program.

8215L Cosmetology I & Lab

13025200

GRADE PLACEMENT: 10-11

PREREQUISITE: 8214

CREDIT: 3 UNITS

Provides students with hands on education through a sequential set of learning steps that address specific tasks necessary for state board preparation, graduation and entry level job skills. Each student is required to purchase a Cosmetology kit (Non-Refundable) and wear a uniform prior to the start of the school year. This kit will be used over the remaining two years students are in the

program. Students must clock a minimum of 600 hours to advance.

8216L Cosmetology II & Lab

13025300

GRADE PLACEMENT: 11- 12

PREREQUISITE: 8215

CREDIT: 3 UNITS

Continues to grow the knowledge, skills, and training needed to succeed in the cosmetology profession. Each student will receive instruction that relates to the performance of useful, creative and productive career-oriented activities that will prepare them to service outside clientele. This course requires students to pass their core courses for graduation (English, science, math, etc.) and clock 1,000 hours in the cosmetology classroom in order to take their Cosmetology exams for licensure. Taking the written exam is mandatory and will be part of the final grade, prior to graduation.

8426 Practicum in Entrepreneurship

N1303425

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

Provides students the opportunity to apply classroom learnings and experiences to real-world business problems and opportunities, while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster.

BUSINESS, MARKETING AND FINANCE



BUSINESS MANAGEMENT <https://tea.texas.gov/sites/default/files/bmf-business-management.pdf>

Industry Certifications: Google Cloud G-Suite, Assoc in Project Management, Business Management



ACCOUNTING AND FINANCIAL SERVICES <https://tea.texas.gov/sites/default/files/bmf-accounting-and-financial-services.pdf>

Industry Certifications: Quickbooks Certified User, Accounting – Basic, Volunteer Income Tax Assistance



MARKETING & SALES <https://tea.texas.gov/sites/default/files/bmf-marketing-and-sales.pdf>

Industry Certifications: Entrepreneurship and Small Business

8262 Principles of Business, Marketing and Finance 13011200

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles.

8300 Professional Communications

GRADE PLACEMENT: 9-12

CREDIT: ½ UNIT

Blends written, oral, and graphic communication in a career-based environment. Students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

8320 Statistics & Business Decision Making 13016900

GRADE PLACEMENT: 11-12

PREREQUISITE: Algebra II

CREDIT: 1 UNIT

Applies mathematics to problems arising in everyday life, society, and the workplace using a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-

solving process and the reasonableness of the solution;

8321 Business English

13011600

GRADE PLACEMENT: 12

PREREQUISITE: English III

CREDIT: 1 UNIT

Students enhance communication and research skills by applying them to the business environments, in addition to exchanging information and producing properly formatted business documents using emerging technology.

BUSINESS INFORMATION MANAGEMENT

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software. Year II students apply technical skills to these applications.

8263 Business Info Mgmt I 13011400

8264 Business Info Mgmt II 13011500

8265 Business Law

13011700

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

8266 Global Business

13011800

GRADE PLACEMENT: 10-12

CREDIT: ½ UNIT

Designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

8267 Human Resource Management

13011900

GRADE PLACEMENT: 11-12

CREDIT: ½ UNIT

Designed to familiarize students with the concepts related to human resource management. Students also become familiar with compensation and benefits programs as well as workplace safety, employee-management relations, and global impacts on human resources.

8268 Virtual Business

13012000

GRADE PLACEMENT: 11-12

PREREQUISITE: BIM I Recommended

CREDIT: ½ UNIT

Students identify steps needed to locate customers, set fees and develop client contracts, provide administrative, creative, and technical services using advanced technological modes of communication and data delivery.

8269 Business Management

13012100

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students develop a foundation in the economic, financial, technological, international, social and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad range of knowledge that includes legal, managerial, marketing, financial, ethical and international dimensions of business to make appropriate management decisions.

8278 Retail Management

N1303420

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

This course focuses on the distribution and selling of products to consumers using various vending points such as chain stores, department stores, stand-alone stores, and various online markets. The course highlights the everyday mechanisms necessary to operate a successful retail establishment. The student is taught to evaluate methods for promoting merchandise, supervising employees, handling customer needs, and maintaining inventories.

8280 Banking and Financial Services

13016300

GRADE PLACEMENT: 10-12

PREREQUISITE: Principles of BMF

CREDIT: ½ UNIT

Students develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent consumers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

ACCOUNTING

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial information for use in management decision making. Year II students will formulate, interpret, and communicate financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

8281 Accounting I 13016600

8282 Accounting II 13016700

8283 Social Media Marketing

13034650

GRADE PLACEMENT: 9-12

CREDIT: ½ UNIT

Designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

8285 Fashion Marketing

13034300

GRADE PLACEMENT: 9-12

CREDIT: ½ UNIT

Designed to provide students with knowledge of the various business functions specific to the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.

8284 Advertising

13034200

GRADE PLACEMENT: 10-12

CREDIT: ½ UNIT

Students will discover the goals and objectives of various types of advertising and promotion identify and analyze advertisements and promotional campaigns, select media and develop advertisements while learning the different types of advertising media, measure the effectiveness of that media and determine the costs involved. Promotional mix and the importance of public relations are also discussed.

ENTREPRENEURSHIP

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

In Entrepreneurship, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit.

8286 Entrepreneurship I 13034400

8425 Entrepreneurship II N1303423

SPORTS & ENTERTAINMENT MARKETING

GRADE PLACEMENT: 9-12

CREDIT: ½ UNIT

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

8287 Sports & Entertainment Marketing I
13034650

8340 Sports & Entertainment Marketing II
N1303422

8288 Advanced Marketing

13034700

GRADE PLACEMENT: 11-12

PREREQUISITE: any Marketing course

CREDIT: 2 UNITS

Students will gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to solve problems related to marketing. This course covers technology, communication, and customer-service skills.

8227 Project-Based Research

12701500

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Students will research a real-world problem; they are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field.

CAREER PREP

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

Provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. Year II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. It maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. 10 hours per week at paid job site. **EXTENDED** courses provide additional time for work experiences.

8229 Career Prep I

12701300

8229E Extended Career Prep I

12701305 (3 UNITS)

8230 Career Prep II

12701300

8230E Extended Career Prep II

12701305 (3 UNITS)

PRACTICUM IN BUSINESS MANAGEMENT

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

Supervised practical application of previously studied knowledge and skills in Business Management. **EXTENDED** courses provide additional time for work experiences.

8270 Prac in Business Mgmt I
13012200

8270E Extended Prac Bus Mgmt I
13012205 (3 UNITS)

8271 Prac in Business Mgmt II
13012210

8271E2 Extended Prac Bus Mgmt II
13012215 (3 UNITS)

PRACTICUM IN MARKETING

GRADE PLACEMENT: 11-12

PREREQUISITE: courses in Marketing cluster

CREDIT: 2 UNITS

Supervised experience in fields associated with distribution, financing, marketing info management, pricing, product planning, promotion, purchasing, risk management, and selling skills. **EXTENDED** courses provide additional time for work experiences.

8289 Prac in Marketing (1st Time Taken)
13034800

8289E Extended Prac in Marketing
13034805 (3 UNITS)

8289S Prac in Marketing (2nd Time Taken)
13034810

8289E2 Extended Prac in Marketing (2nd)
13034815 (3 UNITS)

WORK EXPERIENCE – OUT PERIOD

GRADE PLACEMENT: 11-12

TAKEN WITH: 8229, 8230, 8270, or 8271

CREDIT: 0 UNITS

These courses must be taken concurrently with a Practicum or Career Preparation Course and may not be taken as a stand-alone course. It does not earn credits of any type toward graduation. Work Experience is designed as an opportunity for students to have an early arrival time at their chosen work-based learning experience. It is not a requirement to have out periods.

9916 Work Experience I – Out Period

9917 Work Experience II – Out Period

EDUCATION AND TRAINING



Teaching and Training <https://tea.texas.gov/sites/default/files/et-teaching-and-training.pdf>

Industry Certifications: TEA Educational Aide I

8273 Principles of Education & Training

13014200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

8274 Human Growth and Development

13014300

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Examine human development across the life span with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

8277 Communications and Technology in Education

N1300510

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Focuses on fundamentals of planning, managing and training services needed to provide learning support services in K-12 classrooms. Students will develop knowledge and skills regarding the professional, ethical, and legal responsibilities in teaching related to

educational technology; as well as, understand laws and pedagogical justifications regarding classroom technology use.

8275 Instructional Practices

13014400

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

A field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching practices. Students will work under the joint direction and supervision of a teacher who has expertise in the areas of child development and educational methodology and an exemplary educator who is working in an instruction role in an elementary/middle/high school setting. Students will learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers.

8276 Practicum in Education & Training

13014500

GRADE PLACEMENT: 12

PREREQUISITE: 8275

CREDIT: 2 UNITS

Work under the joint direction and supervision of a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities educational personnel.

ENERGY



Oil and Gas Exploration and Production <https://tea.texas.gov/sites/default/files/e-oil-and-gas-exploration-and-production.pdf>

Industry Certifications: NCCER Instrumentation Level I



Refining and Chemical <https://tea.texas.gov/sites/default/files/e-refining-and-chemical-processes.pdf>

Industry Certifications: NCCER Instrumentation Level I

We are in our first year of exploring this Program of Study Career Cluster. In the coming years, look for more options in courses and Industry Certifications offered.

8330 Foundations of Energy

13040503

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

Students will conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of energy. Students will study a variety of topics that include energy transformation, the law of conservation of energy, energy efficiency, interrelationships among energy resources and society, and sources and flow of energy through the production, transmission, processing, and use of energy. Students will apply these concepts and perform investigations and experiments at least 40% of the time using safe practices.

HEALTH SCIENCE



Healthcare Therapeutic <https://tea.texas.gov/sites/default/files/hs-healthcare-therapeutic.pdf>
Industry Certifications: EKG/ECG Technician, Medical Laboratory Technician



Health Informatics <https://tea.texas.gov/sites/default/files/hs-health-informatics.pdf>
Industry Certifications: Phlebotomy Technician, Certified Billing and Coding



Exercise Science & Wellness <https://tea.texas.gov/sites/default/files/hs-exercise-science-and-wellness.pdf>
Industry Certifications: Certified Personal Trainer

6637 Anatomy & Physiology

13020600

GRADE PLACEMENT: 11-12

PREREQUISITE: Biology and 2nd Science

CREDIT: 1 UNIT

NOTE: Can be 4th year of Science

Extends understanding of the structure and function of the human body.

Students explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applied to human health and well-being.

8350 Medical Terminology

13020300

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

8351 Medical Billing and Coding

13020964

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Familiarizes students with the process, language, medical procedure codes, requirements of Health Insurance

Portability and Accountability Act

(HIPAA), and skills they will need to make accurate records. Students will develop an understanding of the entire process of the revenue cycle and how to effectively manage it. The program is designed to prepare students for employment in a variety of health care settings as entry level coder, medical billing specialist, and patient access representative.

8232 Principles of Health Science

13020200

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

Provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

8233 Health Science Theory

13020400

GRADE PLACEMENT: 10

PREREQUISITE: Biology

CREDIT: 1 UNIT

NOTE: May count as Health credit (*must complete the entire course*)

Provides for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning. Students take either this stand alone HS Theory course or the HS Clinical course.

8233C Health Science Clinical

13020410

GRADE PLACEMENT: 10

CREDIT: 2 UNIT

This course provides additional clinical experience and theory practice of the Health Science Theory course. Students take either the stand alone HST course or this HS Clinical course.

PRACTICUM IN HEALTH SCIENCE

13020500

GRADE PLACEMENT: 12

PREREQUISITE: 8233

CREDIT: 2 UNITS

Designed to give students practical application of previously studied knowledge and skills. Practicum experience will include skills lab and practical experience. Students will prepare for and take the certification exam at the end of the course. Extended course provides more time on the worksite.

8234 Prac in Hlth Sci (CCMA)**8235 Prac in Hlth Sci (Pharm Tech)****8236 Prac in Hlth Sci (PCT)****8236E Extended Prac in Health Science**

13020505 (3 UNITS)

8237D Emergency Med Tech - Basic

N1303015

GRADE PLACEMENT: 12

PREREQUISITE: Biology, Chemistry, 8232 and 8233

CREDIT: 2 UNITS

Dual Credit course

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences will be arranged by the instructor. This course is available for college credit for students completing the requirements. Students will be prepared and will take the certification exam for EMT Basic at the end of the course.

8420 Principles of Exercise Science & Wellness

N1302107

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards.

8421 Kinesiology I

N1302104

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance.

HOSPITALITY AND TOURISM



Culinary Arts <https://tea.texas.gov/sites/default/files/ht-culinary-arts.pdf>

Industry Certifications: Certified Fundamentals or Pastry Cook, ServSafe Manager



Lodging and Resort Management <https://tea.texas.gov/sites/default/files/ht-lodging-and-resort-management.pdf>

Industry Certifications: Entrepreneurship and Small Business, Certified Assoc in Project Management

8200 Principles of Hospitality and Tourism

13022200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards.

8201 Introduction to Culinary Arts

13022550

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Emphasizes the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. Students will gain insight into the operation of a well-run commercial kitchen. It is offered as a classroom-based course for students interested in pursuing a career in the food service industry.

8202 Culinary Arts

13022600

GRADE PLACEMENT: 11-12

PREREQUISITE: 8200 OR 8201

CREDIT: 2 UNITS

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications.

8203 Advanced Culinary Arts

13022650

GRADE PLACEMENT: 12

PREREQUISITE: 8202

CREDIT: 2 UNITS

Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

8199 Foundations in Restaurant Management

N1302268

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Provides students with basic culinary skills and food service-restaurant management, industry topics, and standards. Students will gain an understanding of food service-restaurant operations and how the front of the house and the back of the house operate.

8196 Hotel Management

13022300

GRADE PLACEMENT: 9-12

PREREQUISITE: 3 YEARS OF SCIENCE

CREDIT: 1 UNIT

Focuses on the knowledge and skills needed to pursue staff and management positions available in the hotel industry. This in-depth study of the lodging industry includes departments within a hotel such as front desk, food and beverage, housekeeping, maintenance, human resources, and accounting.

8197 Travel and Tourism Management

13022500

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts.

8198 Hospitality Services

13022800

GRADE PLACEMENT: 11-12

CREDIT: 2 UNIT

Provides students with the academic and technical preparation to pursue high-demand and high-skill careers in hospitality related industries.

8335 Introduction to Event and Meeting Planning

N1302269

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Introduces students to the concepts and topics necessary for the comprehensive understanding of the fundamentals of the meetings, conventions, events, and exposition industries. The course will review the roles of the organizations and people involved in the businesses that comprise the Meetings, Events, Expositions and Convention (MEEC) industry.

8336 Tourism Marketing Concepts and Applications

N1302270

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Provide students with a thorough understanding of marketing concepts and theories that apply to the travel and tourism industry to include lodging, food and beverage operations, recreation, amusements, attractions, convention and visitors' bureaus and tourism companies. While general concepts of marketing for travel and tourism are similar to the marketing of other products and services,

the travel and tourism industry has unique characteristics that create a variety of challenges and opportunities specific to and important for tourism marketing professionals. Students will learn broad tourism marketing concepts such as understanding a product/service, pricing out a product/service, promoting a product/service with a focus on direct sales and the placement or distribution channels for a product. They will also be introduced to the concepts of markets, market segmentation, and customer needs related to the tourism industry.

PRACTICUM

GRADE PLACEMENT: 12

PREREQUISITE: 8202, Teacher Approval

CREDIT: 2 UNITS

Provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences in the hotel/service industry. Students will be placed in internship positions at hotels via local hotel associations. **Extended** courses offer additional time on the worksite.

8204 Practicum in Hospitality Services

13022900

8204E Extended Prac in Hospitality Serv

1322905 (3 UNITS)

8348 Practicum in Event and Meeting Planning

N1302275

8349 Practicum in Culinary Arts

13022700

8349E Extended Prac in Culinary Arts

13022705 (3 UNITS)

8426 Practicum in Entrepreneurship

N1303425

HUMAN SERVICES



Family and Community Services <https://tea.texas.gov/sites/default/files/hs-family-and-community-services.pdf>

Industry Certifications: Community Health Worker, Child Development Associate



Health and Wellness <https://tea.texas.gov/sites/default/files/hs-health-and-wellness.pdf>

Industry Certifications: Community Health Worker, Pre-professional Certification in Nutrition Food & Wellness

8206 Principles of Human Services

13024200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Enables students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, personal care services and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers in this laboratory course.

8207 Dollars and Sense

13024300

GRADE PLACEMENT: 11-12

CREDIT: ½ UNIT

Focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for human services careers.

8208 Interpersonal Studies

13024400

GRADE PLACEMENT: 9-12

CREDIT: ½ UNIT

Examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

8209 Lifetime Nutrition and Wellness

13024500

GRADE PLACEMENT: 10-12

CREDIT: ½ UNIT

Allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

8355 Applied Nutrition and Dietetics

N1302541

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Introduces and applies career -focused and real-world topics related to nutrition such as the nutrition care process, types of nutrition education and counseling, development of nutrition programs, and nutrition industry related research. Students will research requirements necessary to become a professional in the nutrition and dietetics field.

8210 Child Development

13024700

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

8211 Counseling and Mental Health

13024600

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

In this course, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

8212 Family and Community Services

13024900

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Involves students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

PRACTICUM IN HUMAN SERVICES

GRADE PLACEMENT: 11-12

PREREQUISITE: 8206, 8207, 8209, 8212

CREDIT: 2 UNITS

This course provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. It is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the Human Services Cluster. **Extended** course provides more time on the worksite.

8213 Practicum in Human Services I

13025000

8213E Extended Prac in Human Serv I

13025005 (3 UNITS)

8213S Practicum in Human Services II

13025010

8213E2 Extended Prac in Human Serv II

13025015 (3 UNITS)

INFORMATION TECHNOLOGY



Networking Systems <https://tea.texas.gov/sites/default/files/it-networking-systems.pdf>

Industry Certifications: Oracle Assoc Java, Oracle Database Assoc, Cisco CENT



Information Technology Support and Services <https://tea.texas.gov/sites/default/files/it-information-technology-support-and-services.pdf>

Industry Certifications: Windows OS Fundamentals, ERSI ArcGIS Desktop Entry, CompTIA A+ & IT Fund



Web Development <https://tea.texas.gov/sites/default/files/it-web-development.pdf>

Industry Certifications: Oracle Assoc Java, WD Web Design Cert, MS Technology Assoc



Cybersecurity <https://tea.texas.gov/sites/default/files/stem-cybersecurity.pdf>

Industry Certifications: Comp TIA A+, Network +, Security +

8171 Principles of Info Technology

13027200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

Computer Maintenance

GRADE PLACEMENT: 10-12

PREREQUISITE: 8171

CREDIT: 1 UNIT

Students will acquire knowledge of computer maintenance and creating appropriate documentation, analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance.

8177 Computer Maintenance

13027300

8177L Computer Maintenance with Lab

13027310 (2 UNITS)

8178 Networking

13027400

GRADE PLACEMENT: 10-12

PREREQUISITE: 8171 and 8177

CREDIT: 1 UNIT

Students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

8310 Internetworking Technologies I

N1302803

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

The Introduction to Networks course introduces the concept of networking, using various analogies to help the student understand the movement of packets throughout the Internet, and the protocol standards used. The Routing and Switching course moves the student into the theory of "moving packets." The concepts of routing and switching "packets" to the correct destination is covered, and how a network administrator can direct and/or streamline this process through device configuration and deployment.

8175 Web Design

03580820

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students learn to make informed decisions and apply the decisions to the field of information technology. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

8172 Web Communications

03580810

GRADE PLACEMENT: 9-10

CREDIT: ½ UNIT

This is an exploratory course in web communications. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

8315 Independent Study in Evolving/Emerging Technologies

03581500

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Through the study of evolving/emerging technologies, including technology-related terms, concepts, and data input strategies, students will communicate information in different formats and to diverse audiences using a variety of technologies. Students will learn to make informed decisions, develop and produce original work that exemplifies the standards identified by the selected profession or discipline, and publish the product in electronic media and print..

8415 IT Troubleshooting

N1302815

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students apply logic over technical components to identify and resolve problems. The course focuses on developing a methodical approach in IT troubleshooting and leveraging those skills in a workplace environment.

PRACTICUM IN INFORMATION TECHNOLOGY

GRADE PLACEMENT: 12

PREREQUISITE: Any IT Sequence

CREDIT: 2 UNITS

Prepares students for success in a technology-driven society with knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards. Critical thinking, information technology experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship, or as career preparation. **Extended** course work provides the same instruction but more time on the worksite.

8176 Prac in Information Technology

13028000

8176E Extended Prac in Information Technology

13028005 (3 UNITS)

8403 Fundamentals of Computer Science 03580140

GRADE PLACEMENT: 9-12

PREREQUISITE: Algebra I (or concurrent)

CREDIT: 1 UNIT

Intended as a first course for those students just beginning the study of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the

COMPUTER SCIENCE

GRADE PLACEMENT: 9-12

PREREQUISITE: Algebra I (or concurrent)

CREDIT: 1 UNIT

Provides beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. Year II includes object-oriented programming, data structure, abstract data structures, sorting and searching, dynamic memory allocation and algorithmic analysis. JAVA is the programming language used for teaching computer concepts and for completing program assignments.

8401 Computer Science I

03580200

8402 Computer Science II

03580300

AP COMPUTER SCIENCE

PREREQUISITE: 8401

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

Develops beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. The Principles course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can

technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.

impact the world with a unique focus on creative problem solving and real-world applications.

4005 AP Computer Science A (2 UNITS)

A3580110 – math credit

A3580120 – world language credit

4006 AP Computer Science Principles

A3580300

8408 Foundations of Cybersecurity

03580850

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

In the Foundations of Cybersecurity course, students will develop the knowledge and skills needed to explore fundamental concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies designed to mitigate risks. The skills obtained in this course prepare students for additional study in cybersecurity.

8405 Cybersecurity Capstone

03580855

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Students will develop the knowledge and skills needed to explore advanced concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will develop security policies to mitigate risks. The skills obtained in this course prepare students for additional study toward industry certification. A variety of courses are available to students interested in the cybersecurity field.

8406 Game Programming and Design

03580380

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Solve gaming problems through data analysis, including the identification of task requirements, planned search strategies, and programming concepts to access, analyze, and evaluate information needed to design games. Research current laws and regulations and by practicing integrity and respect. Students will create a computer game that is presented to an evaluation panel.

8416 Web Game Development

03580830

GRADE PLACEMENT: 11-12

PREREQUISITE: 8175

CREDIT: 1 UNIT

Learn to make higher-level informed decisions and apply the decisions to the field of information technology and gaming. Students implement personal and interpersonal skills to prepare for a rapidly evolving technology environment. Successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

8407 Mobile Application Development

03580390

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards.

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY



Law Enforcement <https://tea.texas.gov/sites/default/files/lps-law-enforcement.pdf>
Industry Certifications: Non-Commissioned Security Officer, Emergency Telecommunicator



Legal Studies <https://tea.texas.gov/sites/default/files/lps-legal-studies.pdf>
Industry Certifications: pursuit of certified paralegal or attorney of law licensure



Emergency Services <https://tea.texas.gov/sites/default/files/lps-emergency-services.pdf>
Industry Certifications: EMT-Basic, Emergency Medical Responder, IAED Emergency Telecommunicator

8140 Principles of Government & Public Administration

13018200

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Introduces students to the three branches of the U.S. government (legislative, executive, and judicial). Students will examine governmental documents such as the U.S. Constitution with special emphasis on the Bill of Rights. Students will also interpret and apply concepts of governance to assess public administration in society.

8148 Principals of Law, Public Safety, Corrections, and Security (non-Academy strand)

13029200

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.

8143 Disaster Response

N1303011

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Includes basic training of students in disaster survival and rescue skills that improve the ability of citizens to survive until responders arrive. Students will learn how to make communities safer, stronger, and better prepared to respond to the threats of terrorism, crime, public health issues, and disasters of all kinds.

Law Enforcement

GRADE PLACEMENT: 10-12

PREREQUISITE: 8140

CREDIT: 1 UNIT

Includes the role of constitution law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Year II builds upon the knowledge and skills of Law Enforcement I with an emphasis on practicing police strategies in simulated settings.

8149 Law Enforcement I

13029300

8154 Law Enforcement II

13029400

8155 Forensic Psychology

N1303012

GRADE PLACEMENT: 10-12

PREREQUISITE: Biology and Chemistry

CREDIT: 1 UNIT

Forensic psychology is the intersection between psychology and the criminal justice system. It involves understanding criminal law in the relevant jurisdictions in order to be able to interact appropriately with judges, attorneys and other legal professionals. An important aspect of forensic psychology is the ability to testify in court, reformulating psychological findings into the legal language of the courtroom, proving information to legal personnel in a way that can be understood.

Political Science

GRADE PLACEMENT: 10-12

PREREQUISITE: 8140

CREDIT: 1 UNIT

Political Science 1 explores the philosophical and theoretical underpinnings of various forms of government, both within the United States and throughout the world. Year II uses a variety of learning methods and approaches to examine the processes, systems, and political dynamics of the United States and other nations. The dynamic component of this course includes current U.S. and world events.

8141 Political Science I

13018300

8142 Political Science II

13018400

8153 Legal Research and Writing

N1303014

GRADE PLACEMENT: 10-12

PREREQUISITE: Law and PS Academy

CREDIT: 1 UNIT

Identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation. Students obtain courtroom exposure and simulations through Mock Trial events.

8146 Advanced Legal Skills and Professions

N1303016

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Provides students with a foundation to understand the basic mechanics of the U.S. legal system. Building on prior instruction in constitutional issues and the basics of American court systems, this course provides insight into the practical application of the law, as well as civil and criminal procedure, giving students a hands-on opportunity to experience a variety of legal professions.

Dual Credit Options for Law & Public Services Academy Students

GRADE PLACEMENT: 11-12

PREREQUISITE: Law & PS Academy, Acceptance to Dallas College

<https://www.dcccd.edu/high-school-students/dual-credit/pages/default.aspx>

CREDIT: 1 UNIT each semester

COLLEGE CREDIT: 3 HRS each

GPA: no impact

FEES: textbook and other fees may apply

These courses are taught at CHS by an Academy teacher.

8148D Princ of Law, Public Safety, Corrections & Security

13029200
This course matches to Dallas College
course Intro to CRIJ 1301 – Criminal
Justice.

8151D Correctional Services

13029700
This course matches to Dallas College
course Intro to CRIJ 1307 – Crime in
America.

8150D Court Systems and Practices

13029600
This course matches to Dallas College
course Intro to CRIJ 1306 – Court Systems
and Practices.

8147D Criminal Investigation

13029550
This course matches to Dallas College
course Intro to CRIJ 1310 – Fundamentals
of Criminal Law.

8404D Digital Forensics

03580360
This course matches to Dallas College
course CJSA 1330 - Cybercrimes

8146D Advanced Legal Skills and Professions

N1303016
This course matches to Dallas College
CJSA 1348 – Ethics in Criminal Justice

MANUFACTURING



Welding <https://tea.texas.gov/sites/default/files/m-welding.pdf>

Industry Certifications: AWS Welder, NCEER Welding 1, API 1104 Welding, ASW SENSE Level 1

8167 Introduction to Welding

13032250

GRADE PLACEMENT: 9-12

PREREQUISITE: Algebra I

CREDIT: 1 UNIT

Introduction to welding technology with an emphasis on basic welding lab principles and operating procedures. Topics include industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, career potential and introduction to codes and standards.

WELDING

GRADE PLACEMENT: 10-12

PREREQUISITE: Algebra I

CREDIT: 2 UNITS

LAB CREDIT: 1 UNIT

Develops an understanding of welding with an emphasis on math technologies, evaluating the function and application of the tools, equipment, technologies, and materials used in welding, understanding joint design, symbols and welds and identify the proper welding types and techniques used. Students will also evaluate different types of metals. Year II builds on the knowledge and skills developed in Welding I. They will also apply these concepts and skills to perform tasks and construct projects.

8168 Welding I

13032300

8169 Welding II

13032400

8169L Welding II Lab

13032410

8399 Principles of Manufacturing

13032200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNITS

Students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

8164 Precision Metal Manufacturing

13032500

GRADE PLACEMENT: 9-12

PREREQUISITE: 8399

CREDIT: 1 UNITS

This course is designed to provide necessary skills in machining, it also provides a real-world foundation for any engineering discipline. This course may address a variety of materials such as plastics, ceramics, and wood in addition to metal. This course is designed to provide entry-level employment for the student or articulated credit integration into a community college and dual credit with a community college with completion of the advanced course.

8165 Diversified Manufacturing

13032650

GRADE PLACEMENT: 9-12

CREDIT: 1 UNITS

This course allows students the opportunity to understand the process of mass production by using a wide variety of materials and manufacturing techniques. Knowledge about career opportunities, requirements, and expectations and the development of skills prepare students for workplace success.

8166 Manufacturing Engineering Technology

13032900

GRADE PLACEMENT: 9-12

CREDIT: 1 UNITS

Students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will prepare for success in the global economy. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting.

PRACTICUM IN MANUFACTURING

GRADE PLACEMENT: 11-12

PREREQUISITE: any Manufacturing course

CREDIT: 2 UNITS

The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skill. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. This can be a paid or unpaid experience. **Extended** course offers more time on the worksite.

8170 Practicum in Manufacturing

13033000

8170E Extended Prac in Manufacturing

13033005 (3 UNITS)

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)



Biomedical Science <https://tea.texas.gov/sites/default/files/stem-biomedical-science.pdf>

Industrial Certifications: Medical Lab Assistant, Medical Lab Technician



Engineering <https://tea.texas.gov/sites/default/files/stem-engineering.pdf>

Industrial Certifications: pending recommendation and approval



Programming and Software Development

Industrial Certifications: pending recommendation and approval

8250 Principles of Bioscience

13036300

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

This course will provide an overview of biotechnology, bioengineering, and related fields. Topics will include cell structure, proteins, nucleic acids, enzymatic reactions, genetics, immunology, etc. This will be used to understand the role Biotechnology plays in important agriculture, medicine, the environment, bioenergy, and other spheres. Students will be briefly introduced to nanotechnology, as used in medical research.

BIOTECHNOLOGY

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

This is a project-based environment focused on implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. In Year II, students will explore artificial intelligence and programming in the robotic and automation industry. Students will build prototypes and use software to test their designs.

8409 Biotechnology I

PREREQUISITE: Biology (or concurrent)

13036400

8410 Biotechnology II

PREREQUISITE: 8409, Bio and Chem

13036450

8249 Principles of Applied Engineering

13036200

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

8251 Computer Integrated Manufacturing (PLTW)

N1303748

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students will discover and explore manufacturing processes, product design, robotics and automation. They will design their own solutions for real-world manufacturing problems and utilizing associated equipment and technology such as a computer numerical control (CNC) machine. This course's curriculum is based on current industry standards, and students will be given the opportunity to pursue an Advanced Manufacturing and Design Certification.

8166 Manufacturing Engineering Technology

13032900

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will prepare for success in the global economy. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting.

8253 Introduction to Engineering Design (PLTW)

N1303742

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Uses a problem-solving model to improve existing products and invent new ones. Students learn how to apply this model to solve problems in and out of the classroom. Using sophisticated three-dimensional modeling software, students communicate the details of the products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

ENGINEERING DESIGN AND PRESENTATION

GRADE PLACEMENT: 10-12

PREREQUISITE: Algebra I

Engineering Design and Presentation is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignment and projects.

8254 Engineering Design & Pres I

13036500

CREDIT: 1 UNIT

8411 Engineering Design & Pres II

13036600

CREDIT: 2 UNITS

8252 Engineering Mathematics

13036700

GRADE PLACEMENT: 11-12

PREREQUISITE: Algebra II

CREDIT: 1 UNIT

Students solve and model design problems. Students will use a variety of mathematical methods and models to represent and analyze problems that represent a range of real-world engineering applications such as robotics, data acquisitions, spatial applications, electrical measurement, manufacturing process, materials engineering, mechanical drives pneumatics, process control systems, quality control and computer programming.

SCIENTIFIC RESEARCH AND DESIGN

GRADE PLACEMENT: 10-12

PREREQUISITE: Physics and 1 other lab sci

CREDIT: 1 UNIT

Provides the accelerated student with the opportunity to conduct an independent research project in the science of their major interest. Instruction in methods of research, advanced instrumentation, and presentation of findings is provided. Year II students will design and develop remotely operated vehicles for research or work application. The curriculum is physics-based and includes technological application of the four main energy systems: mechanical, fluid, electrical and thermal. Through a project/problem-based format, the course is designed to increase critical thinking and analysis skills using unmanned aerial vehicles involving science and engineering knowledge.

8257 Scientific Research and Design I

13037200

8258 Scientific Research and Design II

13037210

8259 Engineering Design and Problem Solving

13037300

GRADE PLACEMENT: 10-12

PREREQUISITE: Algebra I and Geometry

CREDIT: 1 UNIT

This course reinforces and integrates skills learned in previous mathematics and science courses. This course emphasizes solving problems, moving from well-defined toward more open ended, with real-world application. Students apply critical thinking skills to justify a solution from multiple design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course will count as a science credit.

8260 Engineering Science (PLTW)

13037500

GRADE PLACEMENT: 9-12

PREREQUISITE: Algebra I, Biology, and 1 of the following – IPC, Chem, or Phys

CREDIT: 1 UNIT

Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

8261 Digital Electronics

13037600

GRADE PLACEMENT: 11-12

PREREQUISITE: Algebra I and Geometry

CREDIT: 1 UNIT

Emphasizes the design process, engineering systems, materials use and testing, as well as the production process and quality control. Students use computer simulation to learn about the logic of electronics as they design, test and construct real circuits and devices to control systems.

8403 Fundamentals of Computer

Science 03580140

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Intended as a first course for those students just beginning the study of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology.

COMPUTER SCIENCE

GRADE PLACEMENT: 9-12

PREREQUISITE: Algebra I (or concurrent)

CREDIT: 1 UNIT

Provides beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. Year II includes object-oriented programming, data structure, abstract data structures, sorting and searching, dynamic memory allocation and algorithmic analysis. JAVA is the programming language used for teaching computer concepts and for completing program assignments.

8401 Computer Science I

03580200

8402 Computer Science II

03580300

AP COMPUTER SCIENCE

GRADE PLACEMENT: 9-12

PREREQUISITE: 8401

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

Develops beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. The Principles course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world with a unique focus on creative problem solving and real-world applications.

4005 AP Computer Science A

A3580110 – math credit

A3580120 – world language credit

4006 AP Computer Science Principles

A3580300

8248 Practicum in STEM

13037400

GRADE PLACEMENT: 12

PREREQUISITES: Algebra I and Geometry

CREDIT: 2 UNITS

Practicum in STEM is designed to give students supervised, practical application of previously studied knowledge and skills. Students spend one semester engaged in an unpaid, STEM-focused internship, and one semester preparing a capstone project where they utilize the STEM skills they have learned to create a product that can improve their community. This is a year-long, double blocked course to ensure the student is provided with in-class instruction, as well as on-site training in a STEM field. On-site practicum training can occur in a variety of locations appropriate to the students interests and prior level of experience.

8412 Aerospace Engineering (PLTW)

N1303745

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Ignites students' learning in the fundamentals of atmospheric and space flight. Aerospace Engineering is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight.

TRANSPORTATION, DISTRIBUTION AND LOGISTICS



Automotive <https://tea.texas.gov/sites/default/files/tdl-automotive.pdf>

Industry Certifications: ASE Entry Level and Professional Level

8156 Introduction to Transportation Technology

13039270

GRADE PLACEMENT: 9-10

CREDIT: ½ UNIT

Gain knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Includes applicable safety and environmental rules and regulations. Emphasis is on the repair, maintenance, and diagnosis of transportation systems. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

8157 Automotive Basics

13039550

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Applicable safety and environmental rules and regulations are also covered.

8158 Basic Collision Repair and Refinishing (Year I)

13039750

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students will learn the repair process in metal straightening, welding, frame damage measuring and estimate writing. Students will participate in hands on activities throughout the course. Students also will develop proper technique for the application of dent repair and parts replacement.

8161 Collision Repair (Year II)

13039800

GRADE PLACEMENT: 10-12

PREREQUISITE: 8158

CREDIT: 2 UNITS

Students will learn the repair process in metal straightening, welding, frame damage measuring and estimate writing. Students will participate in hands on activities throughout the course. Students also will develop proper technique for the application of dent repair and parts replacement.

PAINT AND REFINISHING (Year III)

GRADE PLACEMENT: 11-12

PREREQUISITE: 8161

CREDIT: 2 UNITS

This course gives students the opportunity to continue their exploration in collision repair. Their prior knowledge will allow them to be introduced to refinishing (painting). The refinishing processes will include: Complete paint jobs, collision repair refinishing, blending paint, and custom paint techniques. Students will participate in hands-on activities throughout the course. In the spring semester of this course, students will be afforded the opportunity to work in the industry in a related field. This real world work experience can take the form of either an internship or career preparation training through the coordination of the instructor. LAB course provides more time on the worksite.

8162 Paint and Refinishing

13039900

8162L Paint and Refinishing with Lab

13039910 (3 UNITS)

**8159 Automotive Technology I:
Maintenance and Light Repair**

13039600

GRADE PLACEMENT: 10-11

PREREQUISITE: 8156 or 8164

CREDIT: 2 UNITS

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus on this course is to teach the theory of operation of automotive vehicle systems and associated repair practices in a pre-employment laboratory.

**8160 Automotive Technology II:
Automotive Service**

13039700

GRADE PLACEMENT: 11-12

PREREQUISITE: 8159

CREDIT: 2 UNITS

Automotive services include advanced knowledge of the function of the major automotive systems and principles of diagnosing and servicing these systems. In Advanced Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of

vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices in a pre-employment laboratory. Students enrolled in this course will pay a fee to cover the required work shirt, safety glasses, etc.

Practicum (Year III)

GRADE PLACEMENT: 12

PREREQUISITE: 8160

CREDIT: 2 UNITS

Practicum is designed to give students supervised practical application of knowledge and skills. Practicum experience occurs in a work place environment appropriate to the nature and level of experience. Students are required to secure and maintain employment. **Extended** course allows more time on the worksite.

**8163 Practicum in Transportation
Systems**

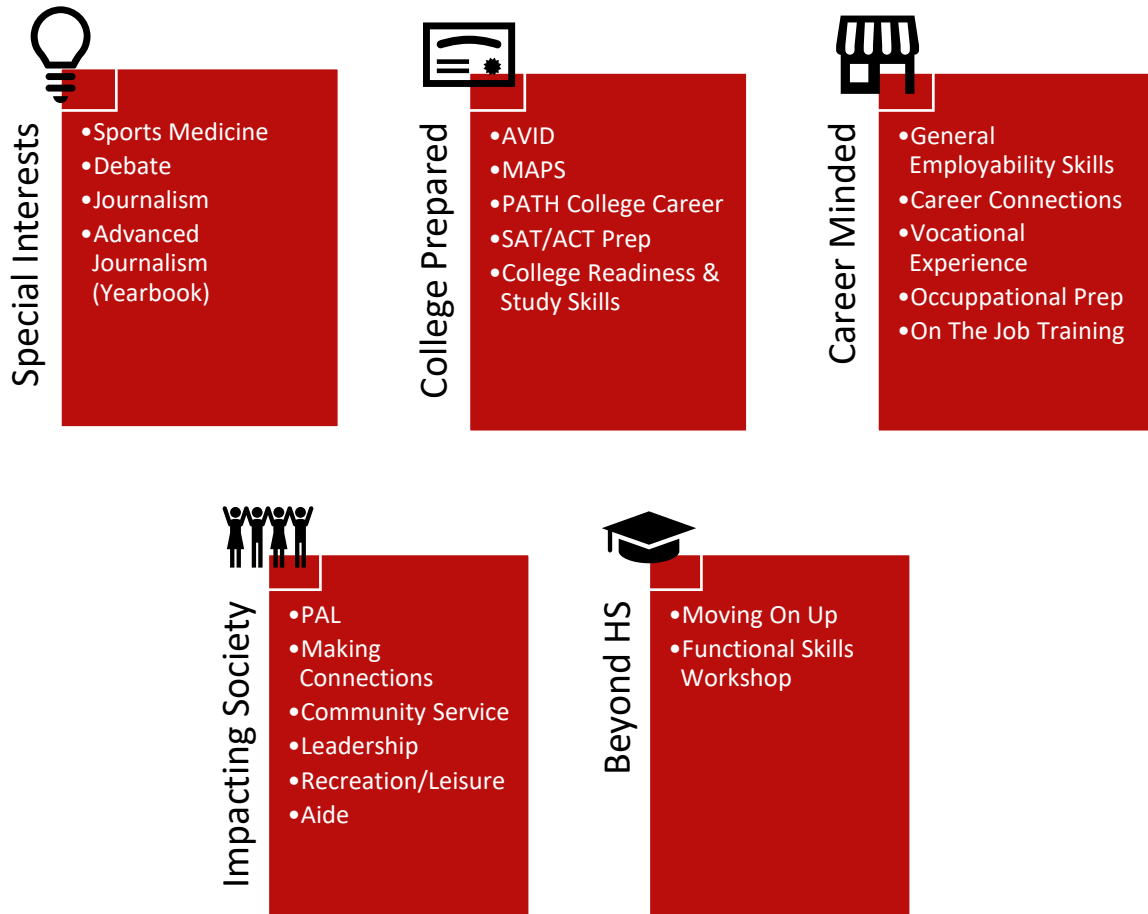
13040450

**8163E Extended Practicum in
Transportation Systems**

13040455 (3 UNITS)

Other Electives – State and Local Credits

Apart from the Programs of Study, CFBISD offers courses that are of specialized interest, preparing students for college, career, and thriving as a positive influence in society.



Most electives in this grouping are for state credit, meaning they count toward the required credits for graduation. However, there are some courses listed here that are for Local credit only and thus offer exposure and experience in a field but no credits toward graduation. Before selecting a Local credit course, be mindful that your graduation requirements will be met within your 4-year plan.

SPECIAL INTERESTS

Sports Medicine

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

NOTE: This course is not a PE equivalent course.

Students study and apply components of sports medicine/athletic training. Includes related careers, prevention of athletic injuries, recognition, evaluation and immediate care of injuries, taping and wrapping techniques, first aid, CPR, AED and other emergency procedures. Later years focus on application of skills learned in Year 1. These courses involve outside of the school day time commitments as the student is paired with a sports team to assist with pre- and post- practice/game stretching, taping, and recovery techniques for prevention and injuries.

5901 Sports Medicine I N1150040

5902 Sports Medicine II N1150041

5903 Sports Medicine III N1150044

Debate

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT each

Prepares the orator who has an interest in competitive debate. Each year, the student's talents are cultivated. Students are required to participate in tournaments in both argumentation events and public speaking events. Numerous research assignments, writing assignments and performance assignments will be required. In addition, each student will be expected to attend afternoon practice sessions.

2607 Debate I 03240600

2608 Debate II 03240700

2609 Debate III 03240800

2610 Debate IV 84500666

(Local credit only)

2930 Journalism

03230100

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Provides an introduction to the basics of Journalism. Includes forms and styles of journalistic writing, layout, design and production methods, processes of reporting, editing, basic principles of advertising, fundamentals of photography, production methods and organization of school publications. Skills of critical thinking and writing are emphasized.

Yearbook

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT each

Emphasizes the production of a yearbook through comprehensive reporting and on-the-spot photojournalism. Students may elect to work in desktop publishing, layout-copy production, photography, or business/ advertising. Students use graphic arts skills. Later years allow students the opportunity to participate in leadership roles in the production of a school yearbook and increase their exposure to other print production materials. Some after school hours are required.

2965 ADV JOURNALISM: YEARBOOK I

03230110

2970 ADV JOURNALISM: YEARBOOK II

03230120

2975 ADV JOURNALISM: YEARBOOK III

03230130

COLLEGE PREPARED

7991 AVID I

N1290001

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

The ninth-grade AVID Elective course will serve as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

7992 AVID II

N1290002

GRADE PLACEMENT: 10

PREREQUISITE: AVID I

CREDIT: 1 UNIT

In the 10th grade year, students will continue to refine their academic learning plans and goals, increasing awareness of their actions and behaviors, as well as develop an increased ability to self-monitor, self-regulate, and manage time. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

7993 AVID III

N1290003

GRADE PLACEMENT: 11

PREREQUISITE: AVID II

CREDIT: 1 UNIT

The 11th grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

7994 AVID IV

N1290004

GRADE PLACEMENT: 12

PREREQUISITE: AVID III

CREDIT: 1 UNIT

The AVID Elective 12th grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second year college students. This course continues around the theme of "Leadership as a Catalyst for Change in Society." Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course.

9707 Methodology for Academic & Personal Success (MAPS)

N1130021

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. Students will explore pathway options available to them in high school, higher education fields of study, and career opportunities in the professional world in order to establish both immediate and long-range personal goals. Students will develop critical time management, organization, and study skills. Emphasis is placed on the student being a proactive and collaborative problem solver. As part of the goal setting and leadership activities, students may complete an outside.

9708 Pathways to College and Career (PATH)

N1290051

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

PATH advances intellectual curiosity, conscientiousness, dependability, emotional stability, and perseverance through tasks that foster deeper levels of thinking and reasoning in the four core content areas. The Path secondary course series focuses on developing the habits and skills expected in college study and the workforce. Path students develop personal, interpersonal, and cognitive skills that are essential to productivity in both the collegiate and business worlds.

1652 SAT/ACT PREP

85000SAT

GRADE PLACEMENT: 10-11

PREREQUISITE: Algebra II (or concurrent)

CREDIT: ½ UNIT (Local)

Focuses on specific test-taking strategies, many of which are applicable to other standardized tests and disciplines. Intensive practice and varied activities will be provided to meet individual needs. Students will receive the immediate feedback necessary for consistent improvement. Current research shows that such a course will increase student success.

9711 College Readiness & Study Skills

03270100

GRADE PLACEMENT: 11-12

CREDIT: ½ UNIT

Designed for students who require or request additional honing of the study skills, especially as the students prepare for the demands of college. Students acquire techniques for learning from texts, including studying word meanings, identifying and relating key ideas, drawing and supporting inferences, and reviewing study strategies. Students accomplish many of the objectives through wide reading as well as use of content texts in preparation for post-secondary schooling.

College Out Period

85000OUT

GRADE PLACEMENT: 12

CREDIT: 0 UNIT

Affords the dual credit student taking college courses away from their home campus the time during the school day to participate in college course work. This out period is provided at the beginning or end of the school day. Only one out period is allowed each semester.

9900 College Out – 1st time taken

9901 College Out – 2nd time taken

CAREER MINDED

9267 General Employability Skills

N1270153

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Provides instruction in general employability knowledge and skills. Included in the skills are attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong team members.

Career Connections

85000340, 85000341

GRADE PLACEMENT: 9-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT (Local)

Develops proficiency in decision making and problem solving which is an essential skill for career planning and lifelong learning. Students use self-knowledge, education and career information to make choices in order to set their own goals and self-manage their lives. Adapted to meet the needs outlined in student's IEP.

9340 Career Connections I

9339 Career Connections II

Vocational Experience

84900143, 84900144

GRADE PLACEMENT: 10-12+

PREREQUISITE: ARD Placement

CREDIT: 3 UNITS (Local)

Student will focus on individual responsibility on the job sites in the community with direct supervision by a certified teacher. During the school day, office tasks and other odd jobs may be performed to assist teachers and other staff with school-wide projects. Adapted to meet the needs outlined in student's IEP.

9143 Vocational Experience I

9144 Vocational Experience II

On The Job Training (OJT)

84900343, 84900344

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1-3 UNITS (Local) determined by ARD

Places students in competitive paid employment with regularly schedule direct involvement by special education personnel in the implementation of the student's IEP. Adapted to meet the needs outlined in student's IEP.

9343 OJT I

9344 OJT II

Applied Occupational Preparation (Occ Prep)

84900241, 84900242, 84900243, 84900244

GRADE PLACEMENT: 9-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT (Local)

Student will focus on employability skills and job searches including the exploration of a variety of jobs and activities related to the job. They continue learning skills that enhance their aptitude, exploring their interests and improving their skills related to job searches including the application and interview process. Years 3 & 4 investigate services and resources to aid employment and help maintain a successful job experience. Adapted to meet the needs outlined in student's IEP.

9241 Applied Occ Prep I

9242 Applied Occ Prep II

9243 Applied Occ Prep III

9244 Applied Occ Prep PLUS

IMPACTING SOCIETY

Peer Assistance and Leadership (PAL®)

N1290005, N1290006

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

PAL® course creates environments in which youth participate in productive pursuits with peers, using decision making, higher order thinking skills, and resiliency building for addressing issues like bullying, low achievement, at-risk youth, drop-out prevention, substance abuse prevention, teen pregnancy, suicide, behavior problems, and other community issues. Teacher must have completed the PAL® training to offer as state elective credit; find training info at <http://palusa.org>.

NOTE: Students are expected to provide their own transportation to any off-campus community services sites.

7208 PAL® I

7209 PAL® II

Making Connections

N12900332, N12900333, N12900334, N12900335

GRADE PLACEMENT: 9-12

CREDIT: ½ UNIT

The *Making Connections* course sequence serves students who have an autism spectrum disorder or a related disorder which causes them to have difficulty with social skills. This course assists the students in developing an understanding of autism and other related disorders.

9256 Making Connections I

9257 Making Connections II

9258 Making Connections III

9259 Making Connections IV

7320 Community Service

GRADE PLACEMENT: 12

CREDIT: ½ UNIT (Local)

Enables students to contribute hours of community service for high school elective credit. This opportunity will allow students to experience the positive benefits of volunteering and educate them regarding community resources. Concurrently, a sense of community pride will be generated as the school and community work together for the benefit of both. Students can choose to be placed in on-campus or off-campus locations for this class. Students are expected to provide their own transportation to any off-campus community services sites.

Recreation and Leisure (Rec & Leisure)

84200252, 84200152, 84200253, 84200153, 84200154

GRADE PLACEMENT: 9-12+

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT (Local)

Student will focus on daily living experiences with an emphasis on lifelong leisure activities and appropriate communication skills. Adapted to meet the needs outlined in student's IEP.

9252 Applied Rec & Leisure I

9152 Developmental Rec & Leisure I

Only at RLT

9253 Applied Rec & Leisure II

9153 Developmental Rec & Leisure II

Only at RLT

9154 Developmental Rec & Leisure PLUS

Only at RLT

9706 STUDENT LEADERSHIP

N1290010

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT (State 1st time taken,
Local 2nd time taken)

The Leadership Course provides opportunities to study, practice and develop group and individual leadership and organizational skills. These skills include decision-making skills, problem-solving techniques, communication skills, leadership roles, human relation skills and understanding the need for civic responsibility. This course requires an application. To be selected, one must be a junior or senior who holds an office position in Student Council or Junior/Senior Executive Committee.

*CHS and Newman Smith

9800 STUDENT AIDE

85000AID

GRADE PLACEMENT: 12

CREDIT: 0 UNIT

Allows seniors who have sufficient credits to graduate and who possess characteristics of responsibility and dependability may register to be a student aide. Aides are assigned to classrooms and school offices and are expected to carry out duties as assigned. Failure to attend aide period will affect examination exemption status. Failure to attend aide period will result in disciplinary action.

BEYOND HIGH SCHOOL**9672 Moving On Up (MOU)**

85000672

GRADE PLACEMENT: POST HS

PREREQUISITE: ARD Placement, All HS grad requirements met

CREDIT: 7 UNITS (Local)

Community based instructional program in which students ages 18-21 participate in volunteer opportunities, supported employment, and activities of daily living to meet the needs outlined in student's IEP.

9673 Functional Skills Workshop (FSW)

85000673

GRADE PLACEMENT: POST HS

PREREQUISITE: ARD Placement, All HS grad requirements met

CREDIT: 7 UNITS (Local)

Designed for students ages 18-21, who will benefit from daily living and vocational training experiences. FSW will prepare students to be as independent as possible in post-secondary environments. Students will learn to access the community safely and effectively with supervision. Adapted to meet the needs outlined in the student's IEP.

**Creekview
Early College
Newman Smith
Ranchview
Turner**

**Plan your future.
Optimize the outcome.
cfbisd.edu**

