



# Course Selection Guide 2026-2027

SAN MARCOS CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

Revised 11/17/2025

# A Welcome to Students and Parents

The purpose of this guide is to assist students and parents in planning a course of study tailored to individual student needs, interests, and aspirations. After an introductory section on general requirements, grades, and endorsements, the catalog of courses provides a brief description of the prerequisites and content of the courses San Marcos CISD offers. These descriptions should be consulted in selecting courses for next year. Students and parents with questions regarding courses and the implications of selecting them are encouraged to consult with school counselors. Information in this guide is accurate as of date of printing and subject to change at any time due to updates in local, state, and federal policies.

Students and Parents: Review the state and local course requirements included in the guide.

- Consider your post-secondary education plans and career interests. Decide which college or other post-secondary institutions you might attend.
- Review the core course and elective offerings.
- Complete the course selection process as directed by your school counselor and/or advisor.

Availability of courses listed in the program guide depends on student requests, staffing and other resources at each campus. San Marcos Consolidated Independent School District provides equal educational opportunity without regard for race, color, religion, national origin, sex, gender, disability, and/or age.

## San Marcos CISD's Core Commitments are...



### Student Performance

SMCISD is committed to all students performing at or above grade level.



### Academic Rigor

SMCISD is committed to establishing a rigorous academic culture where all students graduate college and career ready.



### Culture

SMCISD is committed to creating a culture of high expectations for performance & professionalism.



### Achievement Gaps

SMCISD is committed to eliminating achievement gaps within student populations.



### Community

SMCISD is committed to meaningful, reciprocal partnerships and opportunities which serve students, families, and the San Marcos community.

## San Marcos CISD Graduates are...



**Critical Thinkers** with the knowledge, skills, and habits to thrive in any future path.



**Emotionally Intelligent Learners** who build a sense of purpose, develop empathy for others, cultivate strong relationships, and show respect for all cultures



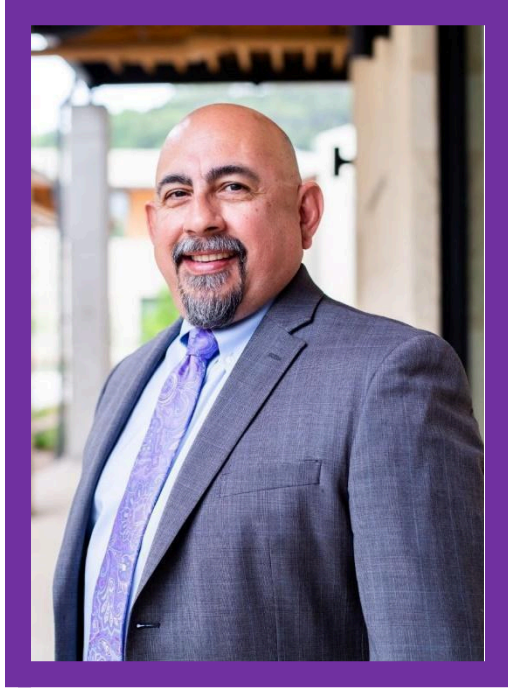
**Collaborative Learners** that tackle complex challenges through collaboration, communication, and self-direction



**Active Citizens** who explore, celebrate, and improve their community

# Message from the Superintendent

Dear Students, Parents, and Guardians:



This San Marcos CISD's course guide contains important information for you as you plan the courses you will take during the 2025-2026 school year and beyond. The guide has been developed to provide important information for both students, families, and guardians. San Marcos High School offers a wealth of options for you to choose from as you prepare for your future college and career endeavors.

Choosing courses that are right for you is based on your career goals, individual interests, graduation requirements, and admission requirements for colleges and universities. Challenge yourself to enroll in as many advanced courses as possible. We have multiple options for dual-credit from Austin Community College to our own Early College High School. We have Advanced Placement Courses that will challenge you. I urge you to think about careers that interest you and take full advantage of the growing number of Career Technical Education (CTE) courses at our high school. Our academic counselors, teachers, and school administrators are available to answer any questions you may have.

We are here to support you and to ensure that you have the appropriate courses to help you achieve your goals.

Have a successful school year and enjoy the high school journey!

Sincerely,

Michael A. Cardona, Ed.D.  
Superintendent

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# Campus Information

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## Campus Vision Statement

All students and staff will possess the academic, social, and emotional skills needed to obtain their goals and support all social constructs.

## Campus Mission Statement

Rattler Nation, a community of learners, provides a safe environment and high impact learning experiences.

## Important Information

### Course Availability

Courses listed in this guide will be offered each year. Based on the requests of the students and certifications of the teaching staff, all efforts will be made to build the course within the campus Master Schedule. Some courses listed in this guide may not be offered every semester. A student may not be able to enroll in every class he/she planned to take during a semester. For this reason, the student should talk with his/her counselor about alternate courses during the course planning process. If a student fails to select alternate course choices, they will be placed in classes based upon needed credits for graduation, established Program of Study, 4-year plan choices, coherent sequence and endorsement options, and available space.

### Registration

The development of a student's class schedule is a serious and time-consuming process. Once a class schedule is formulated, the student is expected to follow that schedule. Parents are encouraged to become involved in the registration process of their students. Students are also reminded that the Master Schedule is built, faculty and staff are hired, and room assignments are made based on the student choices. Schedules should NOT be changed after courses have been selected and entered in the computer. Alternate courses listed should be carefully selected as they may be used if a scheduling conflict occurs. Athletes should carefully consider their course options as NCAA has requirements for academic credit that may impact college participation and scholarships.

### Schedule Changes

Students select their courses in the spring semester for the upcoming school year, and the master schedule will be based on that information. The master schedule is built, faculty and staff are hired, and room assignments are made based on student choices.

In order to schedule efficiently, student schedules will not be changed to select different teachers, lunch periods, or alternate courses. Teacher change requests will only be considered if a student previously failed a course with the same teacher and if another teacher is available.

Schedule corrections will be considered as soon as possible and only for the following reasons:

- The student is a senior and does not have a course required for graduation
- The student does not have the prerequisites for a course
- Course credit was previously received
- A data entry error made by the school (i.e.- two third-period classes, or a schedule that does not contain the full number of classes)
- A student has been dismissed from a program where approval must be granted for placement

## Course Credit

A student at any grade level enrolled in a high school course will earn credit for the course only if the final grade is 70 or above. For a two-part (two-semester, 1-credit course), the student's grades from both halves (semesters) will be averaged and credit will be awarded if the combined average is 70 or above. If the student's combined average is less than 70, the student will be awarded credit only for the half (semester) with the passing grade.

Physical Education Substitutes:

- Athletics
- Marching Band
- Air Force JROTC
- Dance Team
- Cheerleading

## Credit By Examination *(If a student has taken the Course/Subject)*

A student who has previously taken a course or subject but did not receive credit or a final grade for it may, in circumstances determined by the principal or attendance committee, be permitted to earn credit or a final grade by passing an examination approved by the district's board of trustees on the essential knowledge and skills defined for that course or subject.

Examples of prior instruction include incomplete coursework due to a failed course or excessive absences, homeschooling, or coursework by a student transferring from a nonaccredited school. The opportunity to earn credit by examination after the student has had prior instruction is sometimes referred to as "credit recovery." The attendance review committee may also offer a student with excessive absences an opportunity to earn credit for a course by passing an examination.

If a student is granted approval to take an examination for credit, the student must score at least 70 on the examination to receive credit for the course or subject. [See the school counselor and policy EHDB(LOCAL) for more information.]

## Credit By Examination For Advancement/Acceleration *(If a student has not taken the Course/Subject)*

A student will be permitted to earn credit by examination for an academic course or subject area for which the student had no prior instruction for advancement or to accelerate to the next grade level.

The examinations offered by the district are approved by the district's board of trustees. Testing windows for these examinations will be published in district publications and on the district's website. A student may take a specific examination only once per testing window.

The only exceptions to the published testing windows will be for examinations administered by another entity or to accommodate a student experiencing homelessness or a student involved in the foster care system.

When another entity administers an examination, the student and the district must comply with the testing schedule of the other entity.

If a student plans to take an examination, the student or parent must register with the school counselor no later than 30 days prior to the scheduled testing date. [See policy EHDC for more information.]

# Graduation Requirements

During the 83rd Texas Legislature House Bill 5 was signed into law, which changed high school graduation requirements for students who are freshmen beginning with the 2014-2015 school year. The bill provides more flexibility for high school students to pursue either a higher education, career, or military pathway. It establishes one graduation plan - Foundation High School Plan (FHSP) - with an opportunity to earn endorsements and performance acknowledgements. Below is a snapshot of the graduation requirements. Prior to completion of the student's 9th grade year, students will select an endorsement pathway, as per House Bill 5. In the spring of each school year, students and parent/guardian will work with a San Marcos High School (SMHS) counselor to select courses for the following school year and review graduation requirements and progress toward endorsement(s).

| Foundation with Endorsement<br>(26 Credits)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Distinguished Level of Achievement<br>(26 Credits)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• <b>4 credits English</b> - English I, II, III, and VI or one credit in any authorized advanced</li> <li>• <b>3 credits Mathematics</b> - Algebra I, Geometry, and one credits in any authorized advanced Mathematics course</li> <li>• <b>3 credits Science</b> - Biology, Chemistry, Physics, and one advanced science courses</li> <li>• <b>3 credits Social Studies</b> - US History, World Geography or World History and US Government, and Economics, and Government</li> <li>• <b>2 credits World Language† or Computer Science</b></li> <li>• <b>1 credit Physical Education or PE Equivalent</b></li> <li>• <b>1 credit Fine or Performing Arts</b></li> <li>• <b>9 credits in electives - 4 or 5 which must be for endorsement</b> (may include CTE or certification courses)</li> </ul> | <ul style="list-style-type: none"> <li>• <b>4 credits English</b> - English I, II, III, and VI or one credit in any authorized advanced</li> <li>• <b>4 credits Mathematics</b> - Algebra I, Geometry, Algebra II and one credit in any authorized advanced Mathematics course</li> <li>• <b>4 credits Science</b> - Biology, Chemistry or Physics, and two advanced science courses</li> <li>• <b>4 credits Social Studies</b> - World Geography, World History, US History, US Government, and Economics</li> <li>• <b>2 credits World Language† or Computer Science</b></li> <li>• <b>1 credit Physical Education or PE Equivalent</b></li> <li>• <b>1 credit Fine or Performing Arts</b></li> <li>• <b>6 credits in electives</b> (may include CTE or certification courses)</li> </ul> |

† World language credits must be in the same language

## Endorsements

| STEM                                                                                                                               | Business / Industry                                                                                                                                                                                                                                                                                                                                                                                                   | Public Service                                                                                                                                                                                                           | Arts / Humanities                                                                                                                                                                                                                                                                                                                                             | Multidisciplinary Studies                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• CTE STEM</li> <li>• Mathematics</li> <li>• Science</li> <li>• Computer Science</li> </ul> | <ul style="list-style-type: none"> <li>• Agriculture</li> <li>• Arts</li> <li>• Audio/Video</li> <li>• Finance, Marketing, Food and Natural Resource, Architecture and Construction, Transportation and Logistics</li> <li>• Information Technology</li> <li>• Manufacturing</li> <li>• Technology Applications</li> <li>• Technology and Communications</li> <li>• Business Management and Administration</li> </ul> | <ul style="list-style-type: none"> <li>• Human Services</li> <li>• Health Science</li> <li>• Public Safety</li> <li>• Education and Training</li> <li>• Government and Public Administration</li> <li>• JROTC</li> </ul> | One of the following: <ul style="list-style-type: none"> <li>• 2 levels of LOTE in 2 languages</li> <li>• 4 levels of LOTE in 1 language</li> <li>• 5 credits of Social Studies</li> <li>• Courses from 1 or 2 areas of Fine Arts</li> <li>• 4 levels of American Sign Language</li> <li>• English electives not included in Business and Industry</li> </ul> | <ul style="list-style-type: none"> <li>• 4 advanced courses from other endorsement areas</li> <li>• 4 credits in each foundation subject area, <b>including</b> English 4, Chemistry and/or Physics</li> <li>• 4 credits in AP, IB, Dual Credit selected from English, Mathematics, Science, Social Studies, Economics, LOTE or Fine Arts</li> </ul> |
| State Assessments Required for Graduation                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                          | Performance Acknowledgements                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                      |
| English I, II; Algebra I; Biology; US History                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                          | Outstanding Performance; Dual Credit coursework; Bilingualism/Biliteracy; College AP; PSAT, SAT or ACT                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                      |

# College And Career Readiness

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SMCISD is committed to helping all students prepare for their future college and/or career opportunities. Students will experience challenging academic standards and will be provided opportunities to develop knowledge and skills needed to further their education and succeed in post-secondary education, workforce, and/or training. While in high school, students are expected to demonstrate College, Career, and/or Military readiness through one or more of the following ways:

## College Ready

- Meet Texas Success Initiative (TSI) criteria in ELAR and Math
- SAT, ACT, TSIA or approved College Prep Courses (passing scores for both Math and ELAR )
- Meet AP/IB criteria
  - Earn a 3 on AP exam any subject or 4 on IB exam any subject
- Earn Dual Course Credits
  - Earn credit for at least three credit hours in ELA or mathematics or at least nine credit hours in any subject.
- Earn an Associate Degree
  - Degree must be completed prior to graduation from high school
- Earn a Level I or Level II Certificate Level I or Level II certificate in any workforce education area
- Completion with a grade of 75 or greater of College Prep English and/or College Prep Math

## Career Ready

- Complete CTE coursework and earn an approved Industry Based Certification (IBC) - 4 credits in 3 classes
- Graduate with completed IEP and Workforce Readiness (Code 54 or 55)
  - A graduate that has completed their IEP and has either demonstrated self-employment with self-help skills to maintain employment or has demonstrated mastery of specific employability and self-help skills that do not require public school services.
- Graduate under Advanced Degree Plan (Code 34)
  - A graduate who is identified as receiving special education services during the year of graduation and whose graduation plan type is identified as a Recommended High School Plan (RHSP), Distinguished Achievement Plan (DAP), Foundation High School Plan with an Endorsement (FHSP-E), or Foundation High School Plan with a Distinguished Level of Achievement (FHSP-DLA).

## Military Ready

- Enlist in the US Armed Forces or Texas National Guard

If a student applies to a college or university that does not require SAT or ACT for admissions, student scores may still be requested by the college or university for course placement considerations. SAT and ACT scores can be used to demonstrate readiness for college level work.

## Texas Success Initiative (TSI) and College Course Placement

Texas law requires all students who wish to enroll in Texas public higher education institutions to meet college readiness standards in reading, writing and math. Students who do not meet TSI standards upon high school graduation will be required to pass developmental courses at the college they are attending in order to start college-level coursework. Developmental courses can be at an additional cost and do not count towards degree completion.

The TSI Assessment (TSIA) is an assessment designed to help Texas institutions determine if students are ready for college level coursework in reading, writing, and math. Students may demonstrate college readiness by demonstrating college readiness on using a TSIA2 score, SAT score and/or ACT score.

The following indicators may also be used for Dual Credit admissions and placement only:

- STAAR (EOC) English II scale score demonstrating college readiness
- STAAR (EOC) Algebra I scale score demonstrating college readiness
- PSAT NMSQT score demonstrating college readiness

SMCISD administers the TSIA2 to any interested student for entry into the dual credit Program or for college placement as required by Texas public colleges and universities. All students who take the TSIA must complete a Pre-Assessment Activity and provide completion documentation before testing.

## College Prep Courses

SMCISD 12th grade students who have not yet demonstrated college readiness may have the opportunity to enroll in College Prep Math and/or College Prep English. Students who successfully complete these courses are TSI exempt for Math and/or English allowing students to enroll in entry-level collegiate courses.

### Armed Services Vocational Aptitude Battery (ASVAB)

The Armed Services Vocational Aptitude Battery (ASVAB) Career Exploration Program facilitates career planning and exploration, combining a multiple-aptitude test with an interest self-assessment and wide range of career exploration tools. The ASVAB is a free test administered at each high school at least one time per school year. All students in grades 10, 11, and 12 can take the test. Students do not need to join the military to take the ASVAB.

## Free Application for Federal Student Aid

The Free Application for Federal Student Aid (**FAFSA**) is the application used by students to apply for financial aid, such as federal grants, work-study, and student/parent loans (subsidized & unsubsidized) that can be used to pay for college or career school. Additionally, the information provided on the FAFSA may be used to determine student eligibility for state and school-based aid (such as scholarships, work-study programs) and by some private financial aid providers. The FAFSA online application is made available at [HERE](#) starting July 1, 2026, and through June 30, 2027. The application should be completed by students during their senior year of high school, and students are encouraged to submit the FAFSA early as many colleges/universities have priority deadlines. The State of Texas has a January 15 priority deadline. Students should check the FAFSA deadline for each school to which they apply.

The FAFSA should be completed if you are a:

- U.S. Citizen
- Permanent U.S. resident with an Alien Registration Card (I-551)
- Conditional permanent U.S. resident with visa type I-551C
- Eligible noncitizen with an Arrival/Departure Record (I-94) showing you as a: (a) Refugee (b) Asylum granted (c) Parolee (d) Cuban-Haitian entrant.

The Texas Application for State Financial Aid (TASFA) is an alternative to the FAFSA for undocumented students in Texas. Texas allows undocumented students to apply for state financial aid and state tuition under certain conditions. [\(HERE\)](#). See your counselor for additional information on FAFSA and TASFA. House Bill 3 passed by the Texas Legislature requires Texas students to complete a financial aid application (or formally opt out) to graduate. students in the beginning with the class of 2022 to complete one of the following as a requirement for graduation:

- Complete and submit a FAFSA
- Complete and submit a TASFA
- Complete a signed opt-out form

## Early Graduation (Texas First Early High School Completion Program)

The Texas First Early High School Completion Program, in conjunction with the Texas First Scholarship Program, provides an opportunity for eligible students to graduate early by demonstrating mastery in required subject areas and college readiness. Students who successfully graduate through this program are awarded a high school diploma and earn a distinguished level of achievement.

### Eligibility and Declaration:

1. **Early Declaration:** Students interested in pursuing early graduation through the Texas First Early High School Completion Program must declare their intent during the semester that they earn the diploma and be considered a Junior or Senior.
2. **Program Requirements:** Students must meet the standards set by the Texas Education Agency (TEA), the Texas Higher Education Coordinating Board, and eligible institutions of higher education to demonstrate readiness for college in all required subject areas, including proficiency in a language other than English.
3. **Foundation Plan:** Students may graduate under the Foundation Plan, requiring **22 credits**. This plan provides the flexibility to complete graduation requirements earlier than the typical high school timeline. It is preferred that students complete high school under the Distinguished Plan.
4. Students must have credit for courses requiring a prerequisite. Some courses may need to be taken in the summer.

## Class Rank / Highest-Ranking Student

Numeric grades, class rank, and GPA are three separate systems. Weighting of grades is only used for class rank and will not change the earned grade as it appears on the Academic Achievement Record (transcript.) All high school courses are used to calculate class rank according to designated quality points including summer school, correspondence courses, credit by exam, and transfer courses from other high schools. This includes those courses taken while enrolled in middle school and college courses taken at a university, community college, or by distance learning.

To calculate class rank, quality points are added to the final semester grade according to the degree of difficulty associated with each course as shown below:

- Modified Content Courses: + 0 points
- Regular classes: + 0 points
- Correspondence Courses: + 0 point
- Pre-Advanced Placement (Pre-AP) and Advanced Courses: +5 points
- Advanced Placement (AP) Courses: + 10 points
- College Courses: +10 points
- Courses while enrolled in middle school:
  - Algebra I Advanced, Algebra II Pre-AP, or Geometry Advanced: +5 points
  - All other high school courses taken in middle school: +0 points
- Transfer Courses from other high schools:
  - In-State: Same as San Marcos High School weighting (Secondary Grading Guidelines Manual)
  - Out-of-State: Determined by transfer policy (see Secondary Grading Guidelines Manual)

Quality points are not posted on the Academic Achievement Record, nor are they added to the course grade. Courses that receive quality points will be distinguished on the Academic Achievement Record with the approved legend from the Texas Education Agency (i.e., A for AP; Q for Pre-AP or Advanced; D for dual credit, etc.) The legend is printed at the bottom of the Texas Academic Achievement Record (transcript).

[See policy EIC for more information.]

## Grade-Level Classification

After grade 9, students are classified according to the number of credits earned toward graduation.

| Credits Earned Classification             |
|-------------------------------------------|
| • 6 Credits earned = Grade 10 (Sophomore) |
| • 12 Credits earned = Grade 11 (Junior)   |
| • 18 Credits earned = Grade 12 (Senior)   |

## Personal Graduation Plans

A personal graduation plan will be developed for each high school student. The district encourages all students to pursue a personal graduation plan that includes the completion of at least one endorsement and to graduate with a distinguished level of achievement. Attainment of the distinguished level of achievement entitles a student to be considered for automatic admission to a public four-year college or university in Texas, depending on his or her rank in class.

The school will review personal graduation plan options with each student entering grade 9 and their guardian. Before the end of grade 9, a student and their guardian will be required to sign off on a personal graduation plan that promotes college and workforce readiness, promotes career placement and advancement, and facilitates the transition from secondary to postsecondary education.

The student's personal graduation plan will outline an appropriate course sequence based on the student's choice of endorsement.

## College Credit Courses

Students in grades 9–12 may earn college credit through the following opportunities:

- Certain courses taught at the high school campus, which may include courses termed dual credit, Advanced Placement (AP), International Baccalaureate (IB), or college preparatory;
- Enrollment in courses taught in conjunction and in partnership with an institution of higher education (college or university) which may be offered on or off campus; and
- Enrollment in courses taught at other colleges or universities.

A student may be eligible for subsidies based on financial need for AP or IB exam fees. See Fees Information on page 56 of the [Student Handbook](#) for more information.

A student may also earn college credit for certain Career and Technical Education (CTE) courses. See Career and Technical Education (CTE) and Other Work-Based Programs on page 34 of the Student Handbook for information on CTE and other work-based programs.

All these methods have eligibility requirements and must be approved prior to enrollment in the course. Please see the school counselor for more information. Depending on the student's grade level and the course, a state-mandated end-of-course assessment may be required for graduation. Not all colleges and universities accept credit earned in all dual credit or AP courses taken in high school for college credit. Students and parents should check with the prospective college or university to determine if a particular course will count toward the student's desired degree plan.

## Advanced Academics

### Special Requirements

Since most students are following a college-preparatory plan, they should consult requirements of specific colleges before making course selections and/or dropping Dual Credit courses, paying attention to foreign language, science, and math requirements. Colleges that have large numbers of applicants will often use rigorous course schedules as selection criteria even if their catalog states a lesser minimum requirement.

## Advanced Placement Courses

Please See Course Descriptions For Grade Placement

The recommendations provided in this catalog for grade placement offer the greatest possibility for student success. A student's "cohort" is the group of students who entered the ninth grade in the same year. Students with the same cohort will all follow the same rules regarding allowable course choices and course sequencing.

San Marcos CISD offers Advanced/Pre-AP courses to all students in grades 9-12 using an open enrollment policy. These courses offer an enrichment of the regular curriculum taught through various strategies. These courses are intended to prepare students for Advanced Placement courses (explained below). While Advanced/Pre-AP courses are rigorous, they are not college-level courses. Only courses that lead to an Advanced Placement (AP) course may be called Advanced or Pre-AP.

Any student may enroll in Advanced/Pre-AP courses, and students are strongly encouraged to take as many Advanced/Pre-AP courses as possible and understand the required commitment expected in these courses. When making the decision to take Advanced/Pre-AP courses, consider the demands of academic and extracurricular involvement. Students who choose to enroll in one or more of the Advanced courses must complete an ADVANCED-LEVEL COURSE AGREEMENT, and submit the completed form as directed by the campus.

### AP Exam Registration Process

AP exams will be ordered for each student enrolled in an AP course by the AP Campus Coordinator. Students will join the course through a code shared by the AP teacher. Once students have joined the course, teachers and students will have access to the classroom resources, an online question bank, unit guides, personal progress checks, and a performance dashboard. AP exams will be ordered in the fall by the AP Campus Coordinator except one semester course taken in the

spring semester. These AP exams will be ordered in the spring. The intent of the implementation of this AP registration process by the College Board is to offer additional academic support for all students in AP courses.

<https://apcentral.collegeboard.org/about-ap>

### **Student Expectations For Advanced/AP Courses**

Advanced/AP courses challenge and enrich motivated students to expand their education beyond the typical high school program. Advanced coursework develops advanced skills and content background to prepare students for college-level work in AP courses and on [Advanced Placement](#) exams. Advanced level courses offer rigorous curricula that prepare students for college. Success requires the student's commitment to each program's expectations.

Students will be expected to:

- Analyze, synthesize, and manipulate knowledge and skills; think critically
- Engage in technology-assisted research and/or communications; increase advanced content area vocabulary; build portfolios if applicable
- Budget time effectively and efficiently; develop successful study skills
- Utilize community and industry as resources in research projects if applicable
- Commit to daily academic requirements; attend tutoring regularly as needed. Come to school early and/or stay late in order to attend tutoring
- Sign the agreement supporting the Advanced/Pre-AP/AP programs and expectations.

Placement Review: The teacher may recommend that a student be changed into an on-level class if that student is encountering great difficulty with rigorous course content. This can occur only after the student has demonstrated his/her efforts to try to be successful in the class. Students must attend tutoring with the teacher regularly and demonstrate a positive attitude about scholarships and assignments. Any recommended level change would take place within the first nine calendar weeks or at the end of the semester only after a parent/teacher/counselor or administrator conference has taken place.

Honor Code: All students are expected to do their own work and exhibit academic honesty.

Test Participation: Students are expected to take all AP exams at the end of the year for all enrolled AP courses. All AP testing fees are paid by the district. It is critical that students consult their individual college choices for acceptance of AP credit.

## SUCCESS REQUIRES SUPPORT FROM STUDENTS, PARENTS, AND TEACHERS.

Student: I agree to organize my time and effort to successfully complete the rigorous work in the course(s). I have read the course description(s) and agree to the college preparatory or college-level requirements of the class(es). I understand that I may need to regularly attend before and/or after school tutoring.

Parent(s): I understand the rigorous course requirements and agree to help my son/daughter organize study time in support of class assignments and requirements. I will notify the teacher immediately of any concern I have relating to the Advanced/Pre-AP/AP classes. I understand that my son/daughter may need to regularly attend tutoring.

Teacher(s): The teacher will conduct the course(s) at a college preparatory pace appropriate to the grade level or at a college level for AP course as approved by the College Board and San Marcos CISD curricula. Students and parents will be notified promptly if student work and/or assessments are unsatisfactory. The teacher will be available for tutoring. The student may enroll in any Advanced/Pre-AP or AP course(s) provided the student and parent agree to the commitment on the San Marcos CISD ADVANCED-LEVEL COURSE LEVEL AGREEMENT. Students are encouraged to take as many rigorous courses as are appropriate. Please carefully consider the time and academic requirements for both academic and extracurricular commitments.

**To continue in an Advanced-Level Course, students and parents must sign a SMCISD ADVANCED-LEVEL COURSE AGREEMENT and return the signed agreement to the teacher.** The assigned teacher will distribute these at the beginning of the year. Copies of this agreement will be available in the counselor's office at a later date.

## Special Programs

**AVID** (Advancement Via Individual Determination) is a program designed to provide **ALL** students the skills needed to be college and career ready. AVID's systemic approach is designed to support students and educators as they increase schoolwide/districtwide learning and performance. Students starting in elementary are taught critical writing, inquiry, organizational, collaborative, and critical reading skills through a process of using WICOR instructional strategies. The AVID elective class (6th-12th) grades teaches students how to study, read for content, take notes, organize, and manage time. Additionally, students participate in collaborative study groups, or tutorials, led by tutors who use skillful questioning to bring students to a higher level of understanding.

### The AVID Mission

The mission of AVID is to close the achievement gap by preparing all students for college readiness and success in a global society.

Common SMCISD [AVID Application:](#)

## Dual Credit Opportunities

### Dual Credit Courses

Dual Credit courses allow students to earn college credit while in high school. These courses fulfill high school course requirements, appear on the high school transcript, appear on college transcripts, and are used in calculating grade point averages. Community college partners report a letter grade that must be converted to a numeric grade on the high school transcript. (See the [Secondary Grading Guidelines](#) for the conversion chart.)

Dual credit courses are advanced-level courses that provide a rigorous curriculum. Students are encouraged to take as many rigorous courses as are appropriate. Please carefully consider the time and academic requirements for both academic and extracurricular commitments.

### Texas State University (TXST)

Dual credit courses through Texas State University (TXST) may be taught by adjuncts from Texas State University as well as some San Marcos CISD teachers who are dually employed by our district and Texas State University. Dual Credit courses cover all high school TEKS. Students may begin taking dual credit courses through TXST in their junior year upon demonstration of college-readiness. This can be done through a variety of methods. If you are interested in taking dual credit courses, please visit your high school counselor. Students can earn up to 24 hours of college dual credit through TXST.

### Dual Credit Courses Offered

| When Taken | HS Course      | Course Title                   | TXST Course |
|------------|----------------|--------------------------------|-------------|
| 11         | ENG III A 1324 | English III Dual Credit        | ENG 1301    |
| 11         | ENG III B 1334 | English III Dual Credit        | ENG 1302    |
| 11         | US HIS A 4318  | US History Dual Credit         | HIST 1301   |
| 11         | US HIS B 4328  | US History Dual Credit         | HIST 1302   |
| 12         | ENG IV 1431    | British Literature Dual Credit | ENGL 2322   |
| 11 or 12   | Speech 1519    | Speech Dual Credit             | SPCH 1311   |
| 12         | US GOV 2304    | US Government Dual Credit      | POSI 2310   |
| 12         | US GOV 4901    | Government Social Studies      | POSI 2320   |
| 12         | Math 2103      | College Algebra                | Math 1315   |
| 12         | Math 2105      | Elementary Statistics          | Math 2328   |

## Early College High School (ECHS) - Coastal Bend College (CBC)

Students can earn up to sixty (60) college credits or an associate degree through participation in the San Marcos Early College High School. Our partner for Early College High School is Coastal Bend College in Beeville, TX. Courses are taught by Coastal Bend College faculty asynchronously and some are taught by San Marcos High School staff who are dually employed by San Marcos CISD and Coastal Bend College. Dual credit courses cover all high school TEKS. Students who participate in Early College High School begin taking dual credit courses in their freshman year. The number of courses taken each year gradually increases through the senior year so students can earn an associate degree. (See ECHS crosswalk). Students are encouraged to visit the ECHS Counselor to set goals and plan their course of study over their high school career.

| When Taken | High School Course | HS Course                                               | CBC Course | CBC Course Name                        |
|------------|--------------------|---------------------------------------------------------|------------|----------------------------------------|
| 9          | 8621ECHS           | Business Information Management I (A)                   | BCIS 1305  | Business Computer Applications         |
| 9          | 1050               | College Readiness & Study Skills                        | EDUC 1300  | Learning Frameworks (My Cougar Course) |
| 10         | 5113ECHS           | Art Appreciation                                        | ARTS 1301  | Art Appreciation                       |
| 10         | 2711ECHS           | Spanish I (A) and Spanish I (B)                         | SPAN 1411  | Beginning Spanish I                    |
| 10         | 2721ECHS           | Spanish II (A) and Spanish II (B)                       | SPAN 1412  | Beginning Spanish II                   |
| 10         | 1517               | Public Speaking                                         | SPCH 1315  | Public Speaking                        |
| 11         | 3511ECHS           | Biology A or Scientific Research & Design               | BIOL 1108  | Biology for Non-Science Majors I-LAB   |
| 11         | 3511ECHS           | Biology A or Scientific Research & Design I, II, or III | BIOL 1308  | Biology for Non-Science Majors I       |
| 11         | 3521ECHS           | Environmental Systems                                   | BIOL 2306  | Environmental Biology                  |
| 11         | 1321ECA            | English III (A)                                         | ENGL 1301  | Composition I                          |
| 11         | 1321ECB            | English III (B)                                         | ENGL 1302  | Composition II                         |
| 11         | 4321ECA            | US History A                                            | HIST 1301  | US History Before 1865                 |
| 11         | 4321ECB            | US History B                                            | HIST 1302  | US History After 1865                  |
| 12         | 1431ECHS           | English IV (A & B)                                      | ENGL 2322  | British Literature I                   |
| 12         | 4421ECHS           | US Government                                           | GOVT 2305  | Federal Government                     |
| 12         | 4901ECHS           | Social Studies Advanced Studies                         | GOVT 2306  | Texas Government                       |
| 12         |                    | Economics                                               |            |                                        |
| 12         | 1314ECHS           | IND. Study in Math: 1st time taken                      | MATH 1314  | College Algebra                        |
| 12         | 2412ECHS           | Statistics                                              | MATH 1442  | Elementary Statistical Methods         |
| 11 & 12    | 4823ECHS           | Psychology                                              | PSYC 2301  | General Psychology                     |
| 11 & 12    | 4821ECHS           | Sociology                                               | SOCI 1301  | Principles of Sociology                |
|            |                    |                                                         |            |                                        |

## 2025-2026 Senior Early Release Class

### Guidelines And Procedures

Senior Early Release Class may be approved for 1-2 periods of senior release:

- Periods available for early release are 1 and 8 (course numbers 9017A & 9017B)

The Early Release Class is only for seniors who have passed all STAAR EOC tests, are passing all classes and will graduate with their cohort. The period(s) assigned will depend on the availability of the other courses the student is taking.

Special Notes: Students may be released for one period ONLY. Students must be in class on campus for the second period for attendance purposes. Students may apply for Early Release Class for only one semester if graduation requirements or UIL eligibility warrants. See your counselor with specific questions.

### Guidelines

The student must:

- be classified as a twelfth grader for the 2025-2026 school year
- be able to complete remaining required credits during the school day in order to graduate on time
- have passed all STAAR EOC Exams
- not be enrolled in a Career Prep or Practicum class
- not have any NC's for the second semester of his/her junior year (current semester)
- be in attendance for all scheduled classes
- be present during altered school schedules for testing or special programs
- not be on campus during the early release period(s) without permission
- provide his/her own transportation

### Procedures

1. The student completes the application and submits it to the counselor.
2. The counselor reviews the student's graduation credits, STAAR EOC testing, grade placement status, attendance (semester two NC's) and notes the status on the application.
  - a. If the student does not qualify for Senior Early Release Class, the counselor shall notify the student and parent. This notification shall be a person-to-person contact, not a message, voice mail or email. This notification must be documented on the application. This step will occur after the STAAR EOC results are reported to the campus. The counselor shall document the notification of the student and parent and arrange for appropriate replacement courses.
  - b. If the student qualifies for Senior Early Release Class, the counselor notifies the student and parent by a message, voice mail or email. This notification must be documented on the application. The student's schedule will reflect the approved Senior Early Release Class period.
3. Counselors shall keep all applications (accepted or denied) until after the student has graduated from high school.

## SMCISD Course Descriptions

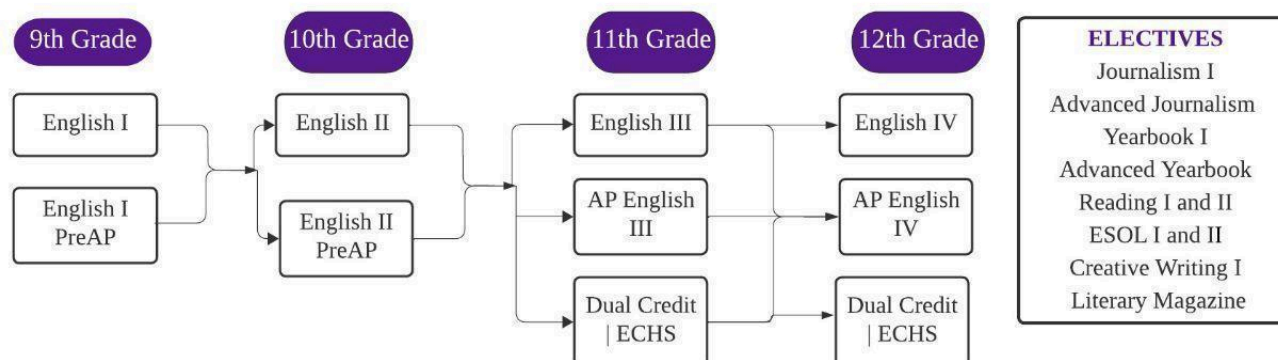
The following section provides general descriptions for high school courses offered in the San Marcos Consolidated Independent School District.

For each course, you will find:

| Course Title<br>Course Number<br>Grade Level that is primarily served<br>Credit that can be earned<br>Level: on level / advanced<br>Pre-requisites | Course Descriptions |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|                                                                                                                                                    |                     |

# English Courses

## RLA Sequence



## Courses: English Language Arts

### English I

Course Number: 1121

Offered In: 9

Credits: 1 credit

Prerequisites: none

In this course, students review and practice comprehension and close reading strategies, including using annotations and notes to make predictions, generate questions, make connections, identify key ideas based on text evidence, summarize and paraphrase to understand an author's message. Students focus on understanding the author's background, author's purpose, intended audience, and context before attempting to understand text meaning in self-selected texts. Students will also participate in core study of a variety of genres (poetry, drama, literary fiction and non-fiction) as a whole class. Students understand a text on a deeper level by creating and sharing personal connections derived from annotations and evaluating ideas in other texts. Students also practice fundamentals of research by reading and analyzing a variety of sources to gather and synthesize reliable, credible information in order to learn about a topic.

### English I Advanced

Course Number: 1135

Offered In: 9

Credits: 1 credit

Level: Advanced

Prerequisites: none

The curriculum for English I Advanced is designed for students reading above grade level and having strong grammar knowledge and skills. The course exceeds the regular course material in content and depth and assumes a level of grammatical ability that does not require extended instruction or review. The course is intended to increase and refine the student's critical reading and writing skills. Attention will be focused on improving the student's communication skills, particularly written, in exposition, critical analysis, persuasion, argumentation, and narration.

### English I ESOL

Course Number: 1115

Offered In: 9

Credits: 1 credit

Level: Emerging Bilingual

Prerequisites: none

English I for Speakers of Other Languages is composed of thematic units incorporating the Texas Essential Knowledge and Skills including reading/literary study, writing, inquiry and research, listening, speaking, viewing, and representing. The course equips the student with the communication and thinking skills essential for success in social, academic, and business situations. It also addresses the critical processes and features of second language acquisition and provides appropriate instruction to enable students to meet content requirements.

### English II

Course Number: 1221

Offered In: 10

Credits: 1 credit

Level: On Level

Prerequisites: English I

In this course, second-year high school students build upon the skills they have learned in English I. Students review and practice close reading strategies, such as annotations and employ focused note taking strategies. Students continue to develop their understanding of the author's background, purpose, and intended audience. They also continue to read self-selected texts as well as study core texts from a variety of genres (poetry, drama, novels, nonfiction) as a class. This course also builds on students' abilities to gather and synthesize reliable, credible information in order to learn about a topic.

### English II Advanced

Course Number: 1235

Offered In: 10

Credits: 1 credit

Level: Advanced

Prerequisites: none

The curriculum for English II Advanced is designed for students to continue to increase and refine reading skills in a fast-paced, challenging academic environment. Students will read literary texts written in a variety of periods, disciplines, rhetorical contexts, and literary genres. They will analyze these texts for structure and literary elements, including style, theme, figurative language, imagery, symbolism, and tone. Additionally, students will consider a work's literary merits as well as the social and historical context reflected in the text.

|                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>English II ESOL<br/> Course Number: 1215<br/> Offered In: 10-12<br/> Credits: 1 credit<br/> Level: Emerging Bilingual<br/> Prerequisites: English I<br/> ESOL</p>                                                    | <p>English II for Speakers of Other Languages is composed of units incorporating the Texas Essential Knowledge and Skills including reading/literary study, writing, inquiry and research, listening, speaking, viewing, and representing. The course equips the student with the communication and thinking skills essential for success in social, academic, and business situations. It also addresses the critical processes and features of second language acquisition and provides appropriate instruction to enable students to meet content requirements.</p>                                                                                                                                                                                                                                                                                                          |
| <p>English III<br/> Course Number: 1321<br/> Offered In: 11<br/> Credits: 1 credit<br/> Level: On Level<br/> Prerequisites: English II</p>                                                                              | <p>In this course, third-year high school students build up their previously learned skills in the English classroom. While employing their close reading skills, students read multiple fictional, literary/narrative nonfiction, poetry, and drama texts to identify and analyze the similarities and differences in genre characteristics, literary elements, and literary devices commonly employed in these texts as well as how these features impact an author's message. Students analyze perspectives and themes represented in the texts while employing strategies to support comprehension such as interacting with the text through note taking and annotating. Students study the concept of author's message (theme), literary elements and devices, genre characteristics, author's craft, historical context, and the relationship between these features.</p> |
| <p>English III AP<br/> Course Number: 1335<br/> Offered In: 11<br/> Credits: 1 credit<br/> Level: Advanced<br/> Prerequisites: English II</p>                                                                           | <p>In this course, third-year high school students build up their previously learned skills in the English II classroom. This course is fast paced. Students will be required to do work outside of the classroom. The expectations placed on students will be high and the reading material will be at a 1st year college level. Students will be required to read, annotate and write at a high-level. This course will stress college readiness. Students will primarily read nonfiction texts such as autobiographies, opinion pieces, political speeches and many more. Students will read and analyze rhetorical elements and their effects in nonfiction texts.</p>                                                                                                                                                                                                      |
| <p>English III Dual Credit<br/> Course Number: 1324&amp;1334<br/> Offered In: 11<br/> Credits: 1 credit<br/> Level: Advanced<br/> Prerequisites: TSI Test, must pass to move to 1302 with a "C" or higher</p>           | <p>English 1301 and 1302 are composition classes offered through Austin Community College. This reading and writing intensive Recommended Prerequisite for juniors' English offerings further develops the analytical, thinking, and research skills underlying academic success through the study of literature. The student's writing of genre-based essays, including researched papers, reinforces the thinking skills associated with interpretation, explication, evaluation, analysis, and synthesis. Essays, including a 2000-word documented library research-based on literary topic are required. Students must have passed the reading and writing TSIA2 to enroll in both courses. Students must make a grade of "C" or higher in 1301 to move on to 1302.</p>                                                                                                     |
| <p>English IV<br/> Course Number: 1421<br/> Offered In: 12<br/> Credits: 1 credit<br/> Level: On Level<br/> Prerequisites: English III</p>                                                                              | <p>In this final English course for fourth-year high school students, students will analyze a variety of informational and argumentative texts for key ideas and the way in which organizational patterns and text features convey ideas. To develop a deeper understanding of their reading, students summarize and paraphrase texts as part of the comprehension process and utilize text evidence to support their understanding.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>English IV AP<br/> Course Number: 1435<br/> Offered In: 12<br/> Credits: 1 credit<br/> Level: Advanced<br/> Prerequisites: English III</p>                                                                           | <p>In this course, four-year high school students build up their previously learned skills in the English III classroom. This course is fast paced. Students will be required to do work outside of the classroom. The expectations placed on students will be high and the reading material will be at a college level. This course will stress college readiness. Students will primarily read texts from multiple literary movements.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>English IV- British Literature Dual Credit<br/> Course Number: 1431<br/> Offered In: 12<br/> Credits: 1 credit<br/> Level: Advanced<br/> Prerequisites: TSI Test, must pass 1301 &amp; 1302 with a "C" or higher</p> | <p>This is a college literature course. In this course, students that have completed their English 1301 and 1302 courses for Junior year will move on to British Literature through Austin Community College. This course aligns with English IV TEKS and is a semester long course. This course covers British Literature Anglo-Saxon through the 18<sup>th</sup> century.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

College Prep English  
Course Number: 1436  
Offered In: 12  
Credits: 1 credit  
Level: On Level  
Prerequisites: English III,  
Not TSI ready in ELAR,  
must take concurrently  
with College Preo Math

This course is designed to prepare students for college-level reading and writing intensive courses. Reading instruction will focus on developing critical reading skills for comprehension, interpretation and analysis. Writing instruction will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts and learn to integrate reading and writing using an inquiry approach to analyze, synthesize and make value judgements regarding texts and writing.

## Courses: English Language Arts Electives

|                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Creative Writing I</b><br>Course Number: 1450<br>Fall/Spring<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: None                                               | Creative writing is for the student who enjoys writing on their own and would like to develop their voice in creativity. Writing is focused on various genres including poetry, short stories and playwriting. The course supports students in living like a writer by keeping a notebook for observations and ideas for their creative invention. Students will participate in response groups and one-to-one with the instructor to develop individual projects.                                                                                                                                              |
| <b>Creative Writing II</b><br>Course Number: 1450<br>Fall/Spring<br>Offered In: 10-12<br>Credits: 1 credit<br>Prerequisites: Creative Writing I                               | Creative writing is for the student who enjoys writing on their own and would like to develop their voice in creativity. Writing is focused on various genres including poetry, short stories and playwriting. The course supports students in living like a writer by keeping a notebook for observations and ideas for their creative invention. Students will participate in response groups and one-to-one with the instructor to develop individual projects.                                                                                                                                              |
| <b>Advanced Creative Writing : Literary Magazine</b><br>Course Number: 1160<br>Offered In: 10-12<br>Credits: 1 credit<br>Level: Advanced<br>Prerequisites: Creative Writing 2 | Literary Magazine is a specifically designed course for students who desire to produce original work in print through a literary magazine. Students will study craft and design required for literary publications. The course supports students in living like a writer by keeping a notebook with observations and ideas for their creative invention. Students will participate in response groups and one-to-one with the instructor to develop individual projects.                                                                                                                                        |
| <b>Reading I</b><br>Course Number: 1101<br>Offered In: 9-12<br>Credits: 1 credit                                                                                              | This course offers students reading instruction to navigate academic demands and attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All these strategies are applied in instructional-level and independent-level texts that cross the content areas.                                                                         |
| <b>Reading II</b><br>Course Number: 1102<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: Reading I                                                                 | This course offers students reading instruction to navigate academic demands and attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All these strategies are applied in instructional-level and independent-level texts that cross the content areas.                                                                         |
| <b>ESL Reading I</b><br>Course Number: 1112<br>Offered In: 9-12<br>Credits: 1 credit                                                                                          | The ESL Reading classes provide a positive and a safe environment for our emergent students to learn English. While the focus of the ESL Reading classes are to facilitate the acquisition of the English language both academically and socially, we want the students to “see” the value of learning English. We will incorporate SIOP, technology, and small group instruction to achieve the goal. The students will learn to listen, speak, read, and write in English through choral reading, teacher guided lessons, structured conversations, self-paced computer lessons, and small group interaction. |
| <b>ESL Reading II</b><br>Course Number: 1112<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: ESL Reading I                                                         | The ESL Reading classes provide a positive and a safe environment for our emergent students to learn English. While the focus of the ESL Reading classes are to facilitate the acquisition of the English language both academically and socially, we want the students to “see” the value of learning English. We will incorporate SIOP, technology, and small group instruction to achieve the goal. The students will learn to listen, speak, read, and write in English through choral reading, teacher guided lessons, structured conversations, self-paced computer lessons, and small group interaction. |
| <b>Journalism</b><br>Course Number: 1611<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: None                                                                      | Students learn the fundamentals of journalism, including standards and functions of the press, news values, interview techniques, and copy preparation. Concentration is on writing news features and editorials in preparation for future advanced journalism and yearbook publications.                                                                                                                                                                                                                                                                                                                       |

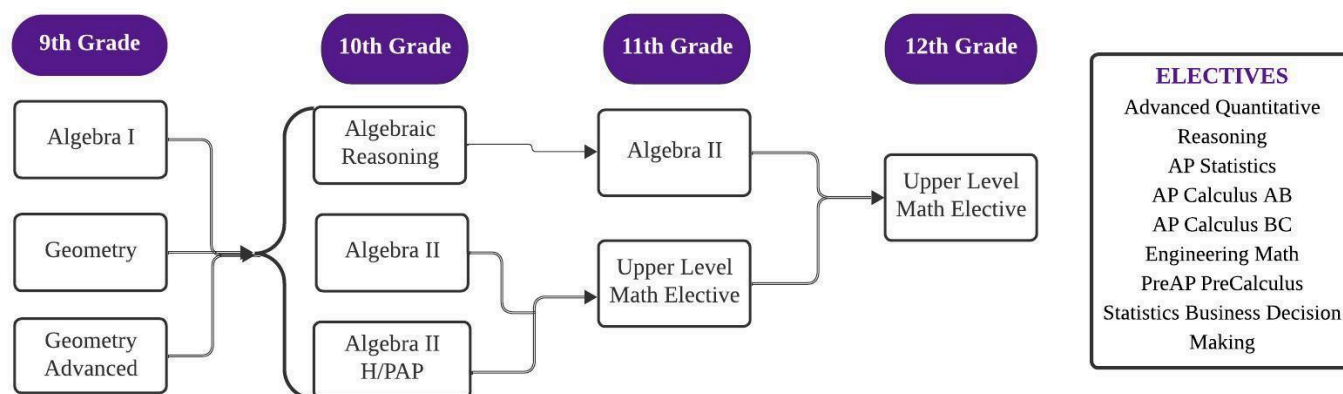
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| <p>Advanced Journalism<br/>(Journalism II)<br/>Course Number: 1613<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Level: On Level<br/>Prerequisites: Journalism</p> | <p>Students enrolled in Advanced Journalism will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s) for publication in an online student news website. High school students are expected to lead as editors, plan, draft, and complete written/visual/audio communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students are expected to become analytical consumers of media and technology, apply journalistic ethics and standards, and study published works of professional journalists, technology, and visual and electronic media as they publish content for a dynamic, real-world audience.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                     |                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Yearbook I<br/>Course Number: 1631<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Journalism</p> | <p>Students gain laboratory experience in magazine production as they produce the yearbooks. Experience includes writing copy, computer copy preparation, page layout and design skills, photo-cropping and editing. Working after school as needed to complete assignments is a part of this course.</p> |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                           |                                                                                                                                                                                                                                                                                                           |
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| <p>Advanced Yearbook<br/>(Yearbook II)<br/>Course Number: 1632<br/>Offered In: 12<br/>Credits: 1 credit<br/>Prerequisites: Yearbook I</p> | <p>Students gain laboratory experience in magazine production as they produce the yearbooks. Experience includes writing copy, computer copy preparation, page layout and design skills, photo-cropping and editing. Working after school as needed to complete assignments is a part of this course.</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# Math Courses

## Math Sequence



## Courses: Math

**Algebra I**  
Course Number: 2321  
Offered In: 7-9  
Credits: 1 credit  
Prerequisites: None

Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions.

**Algebra I EOC Prep**  
Course Number: 2326  
Offered In: 9-10  
Credits: 1 credit  
Prerequisites: None

This course is designed to support students after Algebra I but require a deeper understanding of strategic mathematical concepts necessary for success in their Algebra 1 STAAR test. Students will receive Algebra I concepts and testing strategies. Concepts and skills will focus on linear, quadratic, and exponential functions, including linear concepts learned in MS math and within the Algebra I course. Students may participate in Semester I and/or Semester II based on their individual needs and progress in the Algebra I STAAR results.

**Geometry**  
Course Number: 2421  
Offered In: 9-10  
Credits: 1 credit  
Prerequisites: Algebra I

Within the course, students will begin to focus on terminology that is more precise, symbolic representations, and the development of proofs.

**Geometry Advanced**  
Course Number: 2435  
Offered In: 9-10  
Credits: 1 credit  
Prerequisites: Algebra I

While the basic curriculum for Geometry and Geometry Advanced is the same, students in Geometry Advanced will study the concepts in more depth through complex application problem solving, higher-level reasoning, and independent investigation of mathematical concepts and theories.

**Algebraic Reasoning**  
Course Number: 2332  
Offered In: 9-10  
Credits: 1 credit  
Prerequisites: Algebra I

In Algebraic Reasoning, students will continue with the development of mathematical reasoning related to algebraic understandings and processes and deepen a foundation for studies in subsequent mathematics courses.

**Algebra II**  
Course Number: 2331  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: Algebra 1

Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations.

Algebra II Advanced  
Course Number: 2335  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: Algebra 1

While the basic curriculum for Algebra II and Algebra II Advanced is the same, students in Algebra II Advanced will study the concepts in more depth through higher-level algebraic reasoning with emphasis on functional relationships and problem solving in real situations.

College Prep Math  
Course Number: 2636  
Offered In: 12  
Credits: 1 credit  
Requirement: Seniors not  
Math CCMR

This course emphasizes increasing students' mathematical reasoning skills, which are key to solving problems, formulating logical arguments, understanding quantitative features of various disciplines, critically analyzing media sources, and searching for patterns.

## Courses: Mathematics Electives

Advanced Quantitative Reasoning  
Course Number: 2260  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Algebra II

In Advanced Quantitative Reasoning, students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well-educated and highly informed 21st century citizens.

Pre-Calculus  
Course Number: 2530  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Algebra II

Pre-Calculus is the preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations.

Pre-Calculus Advanced  
Course Number: 2537  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Algebra II

Throughout this course, students develop and hone symbolic manipulation skills, including solving equations and manipulating expressions, for the many function types throughout the course. Students also learn that functions and their compositions, inverses, and transformations are understood through graphical, numerical, analytical, and verbal representations, which reveal different attributes of the functions and are useful for solving problems in mathematical and applied contexts. In turn, the skills learned in this course are widely applicable to situations that involve quantitative reasoning.

Statistics and Business Decision Making  
Course Number: 2612  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Algebra I

Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could affect an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions.

AP Statistics  
Course Number: 2610  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Algebra II

Learn about the major concepts and tools used for collecting, analyzing, and drawing conclusions from data. You will explore statistics through discussion and activities, and you will design surveys and experiments.

AP Calculus AB  
Course Number: 2545  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Pre-Calculus

Explore the concepts, methods, and applications of differential and integral calculus. You will work to understand the theoretical basis and solve problems by applying your knowledge and skills.

AP Calculus BC  
Course Number: 2555  
Offered In: 12  
Credits: 1 credit  
Prerequisites: Pre-Calculus

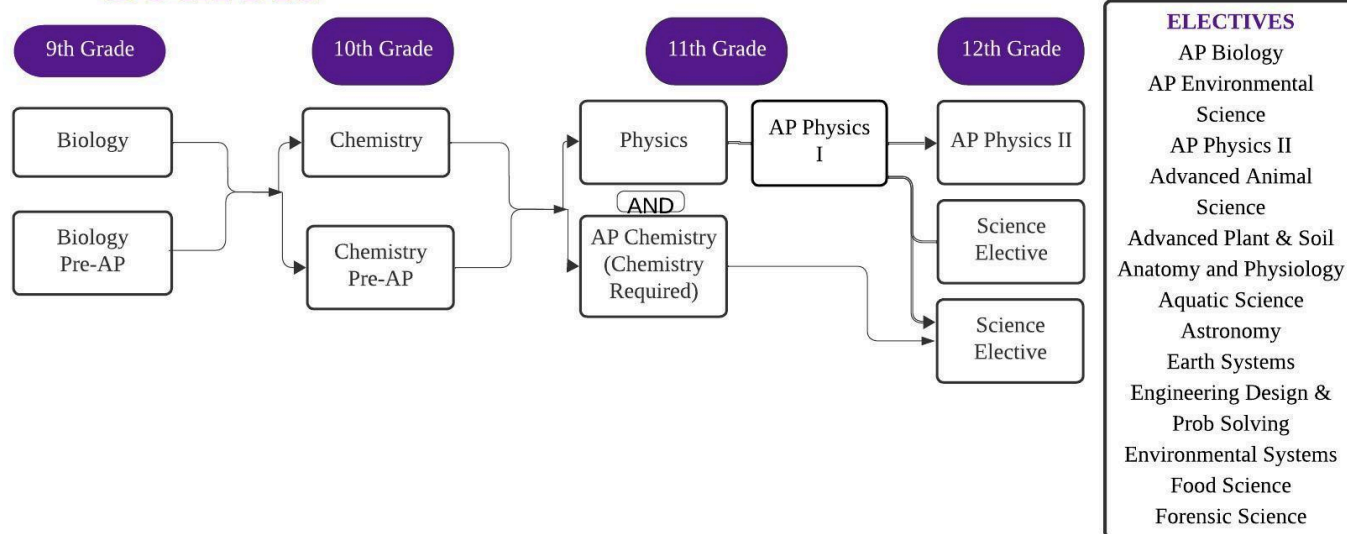
Explore the concepts, methods, and applications of differential and integral calculus, including topics such as parametric, polar, and vector functions, and series. You will perform experiments and investigations and solve problems by applying your knowledge and skills.

Engineering Mathematics  
Course Number: 6750  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Algebra I

Engineering Mathematics is a course where students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.

# Science Courses

## Science Sequence



**Biology**  
Course Number: 3221  
Offered In: 9-10  
Credits: 1 credit  
Prerequisites: None

In Biology, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs;

**Biology Advanced**  
Course Number: 3231  
Offered In: 9  
Credits: 1 credit  
Prerequisites: None

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

**Chemistry**  
Course Number: 3321  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: 1-year Science, Algebra I

In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

**Chemistry Advanced**  
Course Number: 3331  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Chemistry and Algebra II

In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

**Physics**  
Course Number: 3421  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: 2 years Science, Algebra I or concurrent enrollment in Algebra I

In Physics, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics.

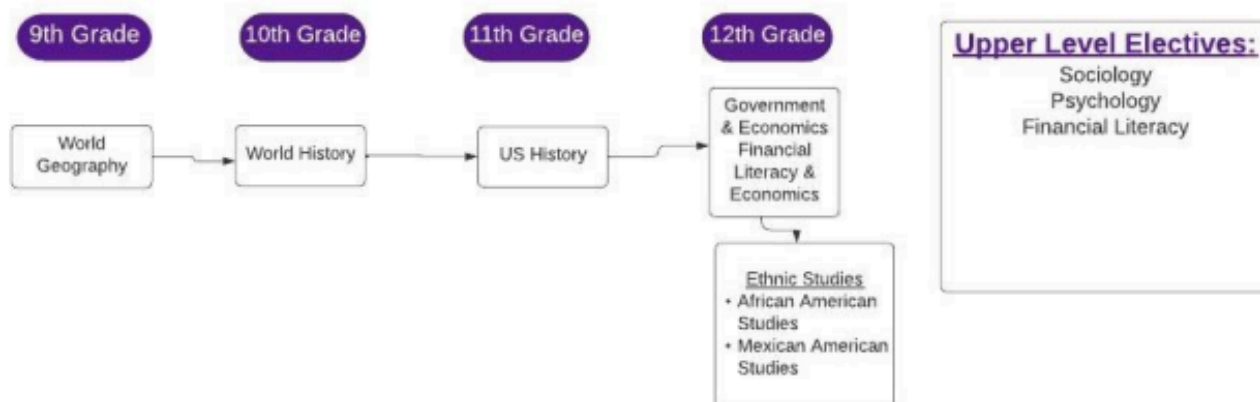
## Courses: Science Electives

|                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Anatomy &amp; Physiology</b><br>Course Number: 3266<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Kinesiology II                               | This course allows students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study several topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.                                                                                                                                                                                                                                   |
| <b>Environmental Systems</b><br>Course Number: 3230<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: None                                            | In Environmental Systems, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments.                                |
| <b>AP Biology</b><br>Course Number: 3235<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Biology and Chemistry                                      | AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.                                                                                                                                                                                                                                                                                                |
| <b>AP Chemistry</b><br>Course Number: 3335<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Chemistry and Algebra II                                 | The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.                                                                                                                                                                                                                                |
| <b>AP Environmental Science</b><br>Course Number: 3522<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Algebra I                                    | The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them.<br>Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. |
| <b>AP Physics 1</b><br>Course Number: 3436<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Geometry                                                 | AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound.                                                                                                                                                                                           |
| <b>AP Physics 2</b><br>Course Number: 3437<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Physics or AP Physics 1, Pre-Calculus                    | AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.                                                                                                                                                                                                      |
| <b>AP Physics C (Mechanics)</b><br>Course Number: 3439<br>Offered in: 12<br>Credits: 1<br>Prerequisite: Pre-Calculus (can be taken concurrently)                | AP Physics C is a one semester, calculus based, college level physics course. This course is appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on laboratory work as they explore concepts like change, force interactions, fields and conservation.                                                                                                                                                                                         |
| <b>AP Physics (Magnetism and Electricity)</b><br>Course Number: 3438<br>Offered in: 12<br>Credits: 1<br>Prerequisites: Pre-Calculus (can be taken concurrently) | AP Physics C: Electricity and Magnetism is a one semester, calculus-based, college level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on laboratory work as they explore concepts like change, force interactions, fields and conservation.                                                                                                                                                                  |

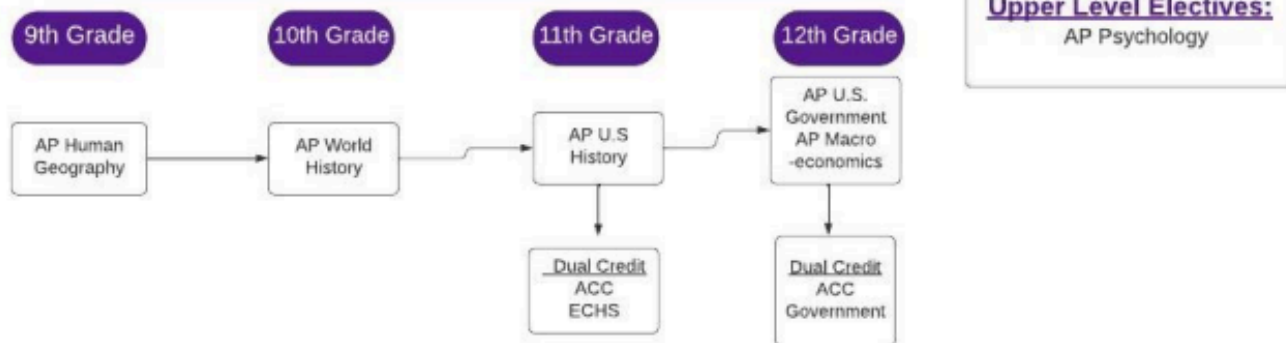
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| <p>Aquatic Science<br/>Course Number: 3500<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Biology</p>                                                                      | <p>In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and field work in this course may emphasize fresh water or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school.</p>                                                                                                              |
| <p>Astronomy<br/>Course Number: 1340<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Biology and Chemistry</p>                                                              | <p>In Astronomy, students conduct laboratory and field investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration.</p>                                                     |
| <p>Earth Systems Science<br/>Course Number: 3541<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Biology and Chemistry</p>                                                  | <p>Earth Systems Science is designed to build on students' prior scientific and academic knowledge and skills to develop understanding of Earth's system in space and time. Students learn about Earth systems approach to the themes of Earth in space and time, solid Earth, and fluid Earth defined the selection and development of the concepts. Additionally, ESS has three strands used throughout each of the three themes: systems, energy, and relevance.</p> |
| <p>Food Science<br/>Course Number: 6536<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Biology, Chemistry and 1 Ag class</p>                                               | <p>In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public.</p>                                                                         |
| <p>Forensic Science<br/>Course Number: 6611<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Biology and Chemistry or Physics</p>                                            | <p>Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory.</p>                                                                                                 |
| <p>Advanced Plant and Soil Science<br/>Course Number: 6131<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Floral Design/Greenhouse Ops, Biology, Chemistry, or Physics</p> | <p>Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science.</p>                                                                                                                                                  |
| <p>Advanced Animal Science<br/>Course Number: 3266<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Veterinary Medical Applications; Biology and Chemistry; Geometry</p>     | <p>This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. Students work with the campus Veterinary Clinic and various student animal projects as they apply their learning to real-world situations.</p>                                        |
| <p>Engineering Design and Problem Solving<br/>Course Number: 6760<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Geometry</p>                                              | <p>The Engineering Design and Problem-Solving course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet human needs and wants.</p>                                                                                               |

## Social Studies

### Suggested Sequence



### Suggested Accelerated Sequence



## Courses: Social Studies

World Geography  
Course Number: 4110  
Offered In: 9  
Credits: 1 credit  
Prerequisites: None

In World Geography, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region.

AP Human Geography  
Course Number: 4116  
Offered In: 9  
Credits: 1 credit  
Prerequisites: None

AP Human Geography introduces high school students to college-level introductory human geography or cultural geography. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented.

World History  
Course Number: 4221  
Offered In: 10  
Credits: 1 credit  
Prerequisites: None

World History Studies is a survey of the history of humankind. Due to the expanse of world history and the time limitations of the school year, the scope of this course should focus on "essential" concepts and skills that can be applied to various eras, events, and people within the standards in subsection (c) of this section. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and

issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century.

AP World History: Modern  
Course Number: 4332  
Offered In: 10  
Credits: 1 credit  
Prerequisites: None

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time.

US History  
Course Number: 4321  
Offered In: 11  
Credits: 1 credit  
Prerequisites: None

In United States History Studies Since 1877, which is the second part of a two-year study that begins in Grade 8, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects.

AP United States History  
Course Number: 4425  
Offered In: 11  
Credits: 1 credit  
Prerequisites: None

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change.

US History A/B Dual Credit  
Course number: 4318/4328  
Offered In: 11  
Credits: 0.5 each  
Prerequisites: Pass  
Reading and Writing  
TSIA2, Complete  
application

These two courses will acquaint students with the basic processes of United States History from the latter middle ages to present. These courses provide students with a useful framework from which to interpret important themes in United States history.

U.S. Government  
Course Number: 4421  
Offered In: 12  
Credits: 0.5 credit  
Prerequisites: None

In United States Government, the focus is on the principles and beliefs upon which the United States was founded and, on the structure, functions, and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from Kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems.

Economics/Free Enterprise  
Course Number: 4431  
Offered In: 12  
Credits: 0.5 credit  
Prerequisites: None

Economics with Emphasis on the Free Enterprise System and Its Benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy.

AP U.S. Government  
Course Number: 4425  
Offered In: 12  
Credits: 0.5 credit  
Prerequisites: None

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors.

U.S. Government Dual Credit  
Course Number: 2304  
Offered In: 12  
Credits: 0.5 credit  
Prerequisites: Pass Reading and Writing TSIA2, Complete application

U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors.

AP Macroeconomics  
Course Number: 4441  
Offered In: 12  
Credits: 0.5 credit  
Prerequisites: None

AP Macroeconomics is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination.

## Courses: Social Studies Electives

Ethnic Studies: African American History  
Course Number: 4355  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: None

In Ethnic Studies: African American Studies, an elective course, students learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history.

Ethnic Studies: Mexican American History  
Course Number: 4350  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: None

In Ethnic Studies: Mexican American Studies, an elective course, students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective.

TX Govt. Dual Credit Enrollment  
Course Number: 4328  
Offered In: 12  
Credits: 0.5 or 1 credit  
Prerequisites: English 1301 or C or higher in US Government

This course is an introduction to Texas state and local government. The course includes a framework for understanding Texas government and politics and the constitutional basis for the processes, the institutions, and the policies of Texas government and politics.

AP Psychology  
Course number: 4827  
Offered In: 11-12  
Credits: 0.5  
Prerequisites: None

This is an introductory college course in psychology, providing students with a learning experience commensurate with a college introductory course. This course will introduce students to the systemic and scientific study of behavior and mental processes of human beings and animals. They will be exposed to major sub fields within psychological pedagogy. Students are expected to take the Advanced Placement Examination in May.

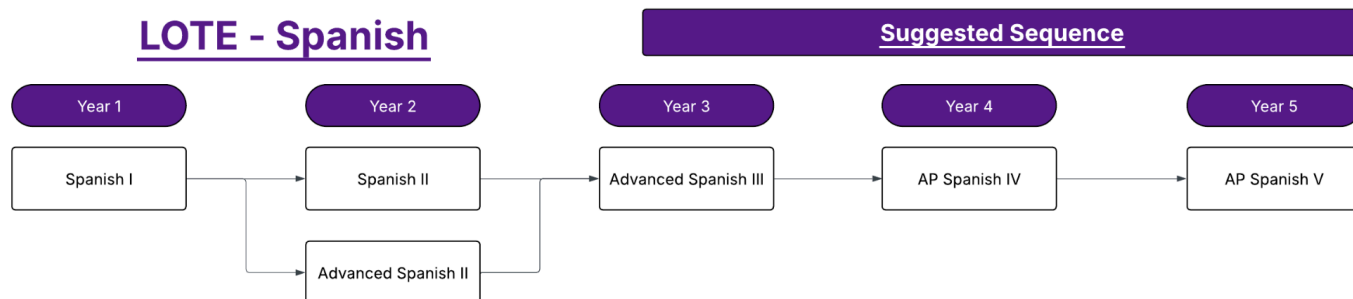
Psychology  
Course number: 4823  
Offered In: 11-12  
Credits: 0.5  
Prerequisites: None

Psychology studies the science of behavior and mental processes. This course will examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.

Sociology:  
Course number: 4821  
Offered In: 11-12  
Credits: 0.5  
Prerequisites: None

Sociology is an introductory study of social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

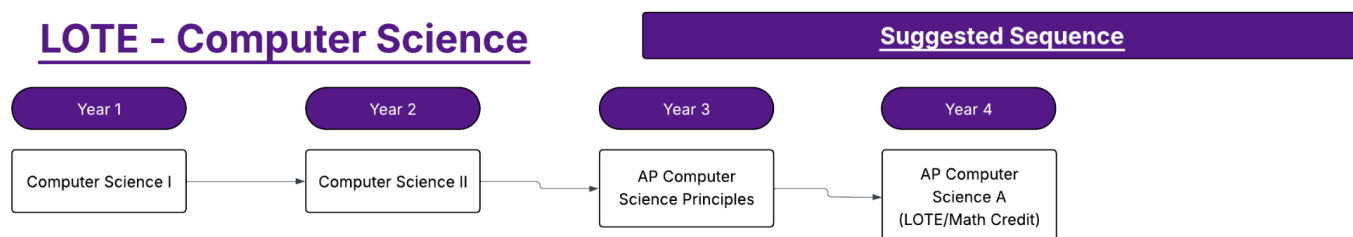
## LOTE - Spanish



## LOTE - American Sign Language



## LOTE - Computer Science



# Courses: Languages Other Than English

American Sign Language I  
Course Number: 2011  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This is an overview of American Sign Language (ASL), its basic vocabulary, structure, syntax and grammar. Students will focus on mastering the basics of fingerspelling, numbers, facial grammar and sentence structure; students will also learn basic expressive and receptive skills, and conversational/cultural behaviors necessary to hold a beginning-level conversation in ASL, with deaf/hard-of-hearing native users of the language. Introductory information about Deaf and Hard of Hearing culture will also be presented to provide students with a broad picture of language and culture.

American Sign Language II  
Course Number: 2012  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: American Sign Language I

A continuation of basic aspects of American Sign Language (ASL) taught in ASL 1. Students will focus on fingerspelling, numbers, facial grammar and sentence structure. Students will also further develop the conversational/cultural behaviors necessary to hold a beginning-level conversation. More challenging examples of cultural information are taught to aid student development of awareness of and appreciation for the unique linguistic relationship between language and culture among those Deaf and Hard of Hearing individuals who use ASL to communicate.

American Sign Language III  
Course Number: 2113  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: American Sign Language I and II

The American Sign Language III course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary, grammatical structures, and syntax on familiar topics of interest necessary to communicate in everyday, realistic situations. In addition to understanding the deaf culture, students will learn how to interact competently and comfortably with Deaf and Hard of Hearing individuals. By the end of the third year of world language, students should be able to understand and communicate in the target language at an intermediate low level to intermediate mid-level. Intermediate low signers can begin creating original sentences with the language. Intermediate mid signers can easily combine original sentences to complete thoughts and ideas.

Computer Science I  
Course Number: 6376  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

Computer Science I is an introductory programming class which uses the Java programming language. This course focuses on familiarizing students with simple data structures, classes, objects, program syntax, and modern programming conventions. Students will learn to write their own short programs with text and or graphical output. This course is recommended for students who have no prior programming experience.

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <p>Computer Science II<br/>Course Number: 6377<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: Computer Science I</p>              | <p>Computer Science is an intermediate programming class which uses the Java programming language. This course focuses on familiarizing students with simple data structures, classes, objects, program syntax, and modern programming conventions. Students will learn to write their own short programs with text and or graphical output. This course is recommended for students who have no prior programming experience.</p>                                                                                                                                                                                                                                                                                |
| <p>Spanish I<br/>Course Number: 1711<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: None</p>                                       | <p>The course serves as an introduction to Spanish language and culture. The students will have the opportunity to master the basic skills under the general requirements of novice Spanish. Basic listening, speaking, reading and writing will be developed throughout the year. By the end of the year, students will be able to discuss and understand conversations and passages about families, schools, likes and dislikes, and hobbies and activities. During the first week of instruction, students will be assessed with a Spanish proficiency assessment to determine if Spanish I is an appropriate placement or if a higher placement may be necessary resulting in a possible schedule change.</p> |
| <p>Spanish II<br/>Course Number: 1721<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: Spanish I</p>                                 | <p>This course is intended for students who have successfully completed Spanish 1 or have acquired the language skills taught in Spanish 1. Students will increase their knowledge of the Spanish language with a focus on verb tenses and expand their vocabulary. By the end of this course, students will be able to discuss and understand conversations and passages regarding the house, home life, obligations, daily routines, clothing and shopping, and food and restaurants. The focus will continue to be communication skills including listening, speaking, reading, and writing.</p>                                                                                                               |
| <p>Advanced Spanish II<br/>Course Number: 1725<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: Spanish I</p>                        | <p>This course is intended for students who have a solid foundation of Spanish 1 topics and skills recommended to be successful in Advanced Spanish 2. The course covers the same material as the Spanish 2 course; however, the Advanced course is designed to begin preparing students for the AP Spanish language course (Level 4) and go more in- depth and require high order thinking skills.</p>                                                                                                                                                                                                                                                                                                           |
| <p>Advanced Spanish III<br/>Course Number: 1731<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: Spanish I and Spanish II</p>       | <p>This course will help students expand their language and cultural understandings by examining the 6 curriculum themes: life goals, the arts, myths and legends, environment, identity and community, and cultural influences. Students will be expected to connect with other Spanish speakers using the three modes of communication: presentational, interpretative, and interpersonal.</p>                                                                                                                                                                                                                                                                                                                  |
| <p>AP Spanish IV<br/>Course Number: 1745<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Spanish I, Spanish II and Spanish III</p> | <p>AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges</p>                                                                                                                                                                                                                                    |
| <p>AP Spanish V<br/>Course Number: 1746<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Spanish I - Spanish IV</p>                 | <p>AP Spanish Literature is equivalent to a college level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors along with other non-required texts.</p>                                                                                                                                                                                                                                                            |

# Courses: Other Electives

|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <p>AVID I<br/>Course Number: 0991<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: none</p>                                       | <p>Advancement Via Individual Determination (AVID) is a program to prepare students for higher level courses and college enrollment. Study skills, note taking, and organizational skills are reinforced in class. Tutoring is offered for academic classes in which the student is enrolled. This full year course is meant to be followed by three additional years of participation in the program.</p>                                                                                                                                                                                                                                                                                                                  |
| <p>AVID II<br/>Course Number: 0992<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: AVID I</p>                                   | <p>Advancement Via Individual Determination (AVID) is a program to prepare students for higher level courses and college enrollment. Study skills, note taking, and organizational skills are reinforced in class. Tutoring is offered for academic classes in which the student is enrolled. This full-year course is meant to be followed by two more years of participation.</p>                                                                                                                                                                                                                                                                                                                                         |
| <p>AVID III<br/>Course Number: 0993<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: AVID I &amp; II</p>                         | <p>Advancement Via Individual Determination (AVID) is a program to prepare students for higher level courses and college enrollment. Study skills, note taking, and organizational skills are reinforced in class. Tutoring is offered for academic classes in which the student is enrolled. This full year course is meant to be followed by one additional year of participation in the program.</p>                                                                                                                                                                                                                                                                                                                     |
| <p>AVID IV<br/>Course Number: 0994<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: AVID I-III</p>                               | <p>Advancement Via Individual Determination (AVID) is a program to prepare students for higher level courses and college enrollment. Study skills, note taking, and organizational skills are reinforced in class. Tutoring is offered for academic classes in which the student is enrolled.</p>                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p>Student Council<br/>(Leadership)<br/>Course Number: 9025<br/>Offered In: 9-12<br/>Credits: 1 credit</p>                                     | <p>This course provides an opportunity to study, practice and develop group leadership and organizational skills. These skills include, but are not limited to: decision-making skills, problem-solving techniques, communication skills, leadership roles, human-relations skills and understanding the need for social intelligence and civic responsibility. Students put into practice the skills learned while dealing with the school administration, the students and the community. The content focuses on communication (oral and written), office procedures, record management, leadership concepts and skills, planning and implementing projects, human-relations skills and characteristics of contracts.</p> |
| <p>Interpersonal Studies<br/>Course Number: 6354<br/>Offered in: 9-12<br/>Credits: .5 (1 semester)</p>                                         | <p>Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services</p>                                                                                                                                                                                                                                                                                            |
| <p>Student Aide<br/>Course Number: 9012<br/>Offered In: 12<br/>Credits: 0 credit<br/>Prerequisites: Application required</p>                   | <p>Only students classified as seniors are scheduled to be office aides. Students may have only one office aide period per semester.<br/>Prerequisite: Counselor approval and application.<br/>Open to seniors to assist the office, counselors, or teachers.<br/><b>NOTE: This course does not earn credit.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>Senior Release<br/>Course Number: 9017A<br/>Fall / 9017B<br/>Offered In: 12<br/>Credits: 0 credit<br/>Prerequisites: CCMR and TSI Ready</p> | <p>Only students classified as seniors will qualify for this course. Requirements are listed above in the catalog.<br/>Prerequisite: Counselor approval and application.<br/><b>NOTE: This course does not earn credit</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



# Courses: Physical Education

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| <p>Skill Based Life Activity<br/>Course Number: 7051<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: None</p>                                         | <p>Skill Based Life Activities provides instruction in the development of knowledge of game rules, health and safety practices and motor skills basic to effective movement required for successful participation in physical recreation and leisure time activities. Activities include flag football, volleyball, soccer, basketball, kickball, softball and ultimate frisbee. Students will be required to suit out and participate daily.</p>                                                                                                                                                                                                                                                                       |
| <p>PE Tennis - Skill Based Life Activity<br/>Course Number: 7053<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: None</p>                             | <p>The Tennis P.E. course will incorporate daily hands-on practice of the fundamentals and techniques of tennis, focusing on basic stroke development, including forehands, backhands, volleys, and serves. In addition to skills, students will practice good sportsmanship by acknowledging good play from an opponent during competition and accepting and reflecting on their own performances. Students will also be exposed to similar international activities, such as speed ball and team handball to provide opportunities to improve their skill development and movement patterns. No experience is necessary; however, students are expected to dress out, bring water, and wear appropriate clothing.</p> |
| <p>Outdoor and Adventure Education – Life Rec &amp; Outdoor Pursuits<br/>Course Number: 7038<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: None</p> | <p>The Outdoor and Adventure Education course is designed for the student looking for a challenging hands-on approach to physical education. Students will participate in a curriculum designed to develop knowledge and skills for lifelong outdoor activities. Students will participate in hiking, biking, trail maintenance, camping, backpacking, outdoor cooking, GPS, orienteering and much more.</p>                                                                                                                                                                                                                                                                                                            |
| <p>Weights – Personal Fitness &amp; Wellness Pursuits<br/>Course Number: 7020<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: None</p>               | <p>This course students are required to suit out and participate daily. Students will be evaluated, and individual worksheets will document their progress throughout the semester. Major goals are safety in the weight room, documentation of daily work out, nutrition, and how it affects muscle growth. Emphasis will be placed on self-paced progress and individual responsibility in a less structured atmosphere.</p>                                                                                                                                                                                                                                                                                          |

Mountain biking  
Course Number: 7061  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

Students participate in learning the basics and intermediate skills of mountain biking utilizing balance, strength, and coordination to maneuver on a mountain bike through different leveled trails with and without obstacles. Students will attend practices 3 times a week and compete in meets that they will camp out and engage in outdoor education skills, such as tent set up and break down, cooking skills, and campfire survival skills.

# Courses: Athletics & (PE Equivalent)

The following courses are not included in determining the honor roll. These are highly accelerated classes designed to prepare students for U.I.L. competition in all sports. The student must meet U.I.L. requirements to be eligible for competition.

| Boys ATHLETICS |                         |         | Girls ATHLETICS |                           |         |
|----------------|-------------------------|---------|-----------------|---------------------------|---------|
| Course #       | Name                    | Credits | Course #        | Name                      | Credits |
| 7511           | Football I              | 1       | 7611            | Volleyball I              | 1       |
| 7111           | Football II             | 1       | 7211            | Volleyball II             | 1       |
| 7112           | Football III            | 1       | 7212            | Volleyball III            | 1       |
| 7113A          | Football IV (Fall Only) | 1       | 7213A           | Volleyball IV (Fall Only) | 1       |
| 7512           | Boys Basketball I       | 1       | 7612            | Girls Basketball I        | 1       |
| 7121           | Boys Basketball II      | 1       | 7221            | Girls Basketball II       | 1       |
| 7122           | Boys Basketball III     | 1       | 7222            | Girls Basketball III      | 1       |
| 7123           | Boys Basketball IV      | 1       | 7223            | Girls Basketball IV       | 1       |
| 7142           | BASEBALL I              | 1       | 7242            | Softball I                | 1       |
| 7141           | BASEBALL II             | 1       | 7241            | Softball II               | 1       |
| 7143           | BASEBALL III            | 1       | 7243            | Softball III              | 1       |
| 7144           | BASEBALL IV             | 1       | 7244            | Softball IV               | 1       |
| 7152           | Boys Soccer I           | 1       | 7252            | Girls Soccer I            | 1       |
| 7151           | Boys Soccer II          | 1       | 7251            | Girls Soccer II           | 1       |
| 7153           | Boys Soccer III         | 1       | 7253            | Girls Soccer III          | 1       |
| 7154           | Boys Soccer IV          | 1       | 7254            | Girls Soccer IV           | 1       |
| 7312           | Cross Country I         | 1       | 7312            | Cross Country I           | 1       |
| 7311           | Cross Country II        | 1       | 7311            | Cross Country II          | 1       |
| 7313           | Cross Country III       | 1       | 7313            | Cross Country III         | 1       |
| 7314           | Cross Country IV        | 1       | 7314            | Cross Country IV          | 1       |
| 7322           | Golf I                  | 1       | 7322            | Golf I                    | 1       |
| 7321           | Golf II                 | 1       | 7321            | Golf II                   | 1       |
| 7323           | Golf III                | 1       | 7323            | Golf III                  | 1       |
| 7324           | Golf IV                 | 1       | 7324            | Golf IV                   | 1       |
| 7335 / 7336    | Tennis I                | 1       | 7335 / 7336     | Tennis I                  | 1       |
| 7342           | Tennis II               | 1       | 7342            | Tennis II                 | 1       |
| 7344           | Tennis III              | 1       | 7344            | Tennis III                | 1       |
| 7345           | Tennis IV               | 1       | 7345            | Tennis IV                 | 1       |
| 7818           | Swim Team I             | 1       | 7818            | Swim Team I               | 1       |
| 7817           | Swim Team II            | 1       | 7817            | Swim Team II              | 1       |
| 7815           | Swim Team III           | 1       | 7815            | Swim Team III             | 1       |
| 7814           | Swim Team IV            | 1       | 7814            | Swim Team IV              | 1       |
| 7045           | Wrestling I             | 1       | 7045            | Wrestling I               | 1       |
| 7046           | Wrestling II            | 1       | 7046            | Wrestling II              | 1       |
| 7047           | Wrestling III           | 1       | 7047            | Wrestling III             | 1       |
| 7048           | Wrestling IV            | 1       | 7048            | Wrestling IV              | 1       |

# Courses: Fine Arts

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## Visual Arts

Art I Foundations  
Course Number: 5110  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This course includes an in depth look at four basic strands of art education; foundations: observation and perception; creative expression; historical and cultural relevance; and critical evaluation and response provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. We will explore the elements and principles of design, focusing on these media: painting, printmaking, ceramics, fibers, sculpture, digital media with an emphasis on drawing.

Art II Paint Public Art  
Course Number: 5127  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Art I

This course includes further exploration of the four basic strands of art education; foundations: observation and perception; creative expression; historical and cultural relevance; and critical evaluation and response which provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire.

Art III Paint and Public Art  
Course Number: 5143  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Art II Paint

This course includes further exploration of the four basic strands of art education; foundations: observation and perception; creative expression; historical and cultural relevance; and critical evaluation and response which provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire.

Art IV Paint and Public Art  
Course Number: 5149  
Offered In: 12  
Credits: 1 credit  
Prerequisites: Art III Paint

Art 4 Painting and Public Arts includes further exploration of the four basic strands of art education; foundations: observation and perception; creative expression; historical and cultural relevance; and critical evaluation and response which provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire.

AP Art III 2D Design  
Course Number: 5135  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Drawing II,  
Painting and Public Arts II,  
Photography II

Students submit a portfolio of work for evaluation at the end of the school year that could include, but is not limited to, graphic design, typography, digital imaging, photography, collage, textile design, illustration, painting, and printmaking. This portfolio should show a strong understanding of the elements and principles of design as they pertain to 2D design.

AP Art IV Studio Art  
Drawing  
Course Number: 5134  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: AP Art III 2D  
Design

Students submit a portfolio of work for evaluation at the end of the school year that could include, but is not limited to, graphic design, typography, digital imaging, photography, collage, textile design, illustration, painting, and printmaking. This portfolio should show a strong understanding of the elements and principles of design as they pertain to 2D design as well as a focus on artistic mark-making.

AP Art III 3D Studio Art  
Course Number: 5136  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Pre Ap  
Studio Art II or Pre Ap  
Studio Art III

Students submit a portfolio of work for evaluation at the end of the school year that includes, but is not limited to, a variety of 3D approaches such as traditional sculpture, architectural models, apparel, ceramics, 3D fiber arts, or metal work. This portfolio should show a strong understanding of the elements and principles of design as they pertain to 3D design.

Art II Drawing &  
Illustration  
Course Number: 5121  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Art I

This course includes further exploration of the four basic strands of art education; foundations: observation and perception; creative expression; historical and cultural relevance; and critical evaluation and response which provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire.

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| <p>Art III Drawing &amp; Illustration<br/> Course Number: 5131<br/> Offered In: 10-12<br/> Credits: 1 credit<br/> Prerequisites: Art II Drawing and Illustration</p> | <p>This course will require complex projects involving primarily two-dimensional works with emphasis on drawing and illustration. Inventive and imaginative expression employing a variety of drawing, painting, printmaking, and other media and tools will be encouraged. Aesthetic appreciation through visual discrimination and judgment will be developed. Portfolio assembly as well as career awareness and preparation will be stressed.</p>                |
| <p>Art IV Drawing &amp; Illustration<br/> Course Number: 5144<br/> Offered In: 11-12<br/> Credits: 1 credit<br/> Prerequisites: Art III Drawing and Illustration</p> | <p>This course will require complex projects involving primarily two-dimensional works with emphasis on drawing and illustration. Inventive and imaginative expression employing a variety of drawing, painting, printmaking, and other media and tools will be encouraged. Aesthetic appreciation through visual discrimination and judgment will be developed. Portfolio assembly as well as career awareness and preparation will be stressed.</p>                |
| <p>Art II Photo<br/> Course Number: 5122<br/> Offered In: 10-12<br/> Credits: 1 credit<br/> Prerequisites: Art I</p>                                                 | <p>Art 2 Photo includes further exploration of the four basic strands of art education; foundations: observation and perception; creative expression; historical and cultural relevance; and critical evaluation and response which provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. This course is designed to introduce students to the fundamentals of photography while using artistic concepts.</p> |
| <p>Art III Photo<br/> Course Number: 5132<br/> Offered In: 11-12<br/> Credits: 1 credit<br/> Prerequisites: Art II Photo</p>                                         | <p>This course is designed to reinforce and expand the concepts of Art III Photo. Art IV Photo will require creative expression with complex photography projects involving two- and three-dimensional work. Inventive and imaginative expressions employing a variety of photo and digital imagery techniques will be developed.</p>                                                                                                                                |
| <p>Art IV Photo<br/> Course Number: 5145<br/> Offered In: 11-12<br/> Credits: 1 credit<br/> Prerequisites: Art III Photo</p>                                         | <p>This course is designed to reinforce and expand the concepts of Art III Photo. Art IV Photo will require creative expression with complex photography projects involving two- and three-dimensional work. Inventive and imaginative expressions employing a variety of photo and digital imagery techniques will be developed.</p>                                                                                                                                |
| <p>Art II Ceramics<br/> Course Number: 5124<br/> Offered In: 10-12<br/> Credits: 1 credit<br/> Prerequisites: Art I</p>                                              | <p>This course includes further exploration of the four basic strands of art education; foundations: observation and perception; creative expression; historical and cultural relevance; and critical evaluation and response which provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire.</p>                                                                                                                 |
| <p>Art III Ceramics<br/> Course Number: 5129<br/> Offered In: 11-12<br/> Credits: 1 credit<br/> Prerequisites: Art II Ceramics</p>                                   | <p>This course is designed to further build and expand students' ceramics skills. Creative expression will be emphasized while gaining advanced skills with ceramic media and methods. Exploration of various art movements and artists is an integral part of this course. Portfolio assembly as well as career awareness and preparation will be stressed.</p>                                                                                                     |
| <p>Art IV Ceramics<br/> Course Number: 5139<br/> Offered In: 12<br/> Credits: 1 credit<br/> Prerequisites: Art III Ceramics</p>                                      | <p>This course is designed to further build and expand students' ceramics skills beyond level 3. Personal creative expression and design will be emphasized while further developing advanced ceramics skills. Exploration of various art movements and artists is emphasized. Senior portfolio assembly as well as career preparation will be stressed.</p>                                                                                                         |

## Band

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| <p>Band I<br/>Course Number: 5360<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: Suggested<br/>2-3 years of middle school<br/>band</p>          | <p>This course will develop instrumental techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of music literature. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship through performance. During the fall semester, students must participate in the Rattler Marching Band, which appears at football games, marches in parades, and competes in both UIL sponsored and local band festivals.</p> |
| <p>Band II<br/>Course Number: 5361<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: Band I</p>                                                   | <p>This course will develop instrumental techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of music literature. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship through performance. During the fall semester, students must participate in the Rattler Marching Band, which appears at football games, marches in parades, and competes in both UIL sponsored and local band festivals.</p> |
| <p>Band III<br/>Course Number: 5362<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Band II</p>                                                 | <p>This course will develop instrumental techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of music literature. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship through performance. During the fall semester, students must participate in the Rattler Marching Band, which appears at football games, marches in parades, and competes in both UIL sponsored and local band festivals.</p> |
| <p>Band IV<br/>Course Number: 5363<br/>Offered In: 12<br/>Credits: 1 credit<br/>Prerequisites: Band III</p>                                                    | <p>This course will develop instrumental techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of music literature. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship through performance. During the fall semester, students must participate in the Rattler Marching Band, which appears at football games, marches in parades, and competes in both UIL sponsored and local band festivals.</p> |
| <p>Color Guard I FLAGS<br/>Course Number: 5306<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout</p>                           | <p>This course is for a unique sport that involves the use of basic techniques in equipment and various dance forms to make choreography, performed in harmony with a musical component. During the fall semester, color guard performs with the Marching Band. In the Spring semester, Color Guard performs at various competitions. Course Fee Required</p>                                                                                                                                                                                                                              |
| <p>Color Guard II FLAGS<br/>Course Number: 5307<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout and Color<br/>Guard I</p>   | <p>This course is for a unique sport that involves the use of basic techniques in equipment and various dance forms to make choreography, performed in harmony with a musical component. During the fall semester, color guard performs with the Marching Band. In the Spring semester, Color Guard performs at various competitions. Course Fee Required</p>                                                                                                                                                                                                                              |
| <p>Color Guard III FLAGS<br/>Course Number: 5308<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout and Color<br/>Guard II</p> | <p>This course is for a unique sport that involves the use of basic techniques in equipment and various dance forms to make choreography, performed in harmony with a musical component. During the fall semester, color guard performs with the Marching Band. In the Spring semester, Color Guard performs at various competitions. Course Fee Required</p>                                                                                                                                                                                                                              |
| <p>Color Guard IV FLAGS<br/>Course Number: 5309<br/>Offered In: 12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout and Color<br/>Guard III</p>    | <p>This course is for a unique sport that involves the use of basic techniques in equipment and various dance forms to make choreography, performed in harmony with a musical component. During the fall semester, color guard performs with the Marching Band. In the Spring semester, Color Guard performs at various competitions. Course Fee Required</p>                                                                                                                                                                                                                              |

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| <p>Jazz Ensemble I<br/>Course Number: 5368<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout and concurrent enrollment in band</p>                                                  | <p>Jazz Ensemble is for students in band, choir, or orchestra who are interested in studying and performing various styles of music related to the genre of Jazz. Enrolled students will perform mainly in the Big Band setting with opportunities to perform in smaller combos as well. Placement in Jazz Ensemble will be determined by written approval and audition only. Students will register for Jazz Ensemble classes based upon years of high school experience. Students in Jazz Ensemble must also be enrolled in Band, Choir, or Orchestra.</p> |
| <p>Jazz Ensemble II<br/>Course Number: 5369<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout and concurrent enrollment in band</p>                                                | <p>Jazz Ensemble is for students in band, choir, or orchestra who are interested in studying and performing various styles of music related to the genre of Jazz. Enrolled students will perform mainly in the Big Band setting with opportunities to perform in smaller combos as well. Placement in Jazz Ensemble will be determined by written approval and audition only. Students will register for Jazz Ensemble classes based upon years of high school experience. Students in Jazz Ensemble must also be enrolled in Band, Choir, or Orchestra.</p> |
| <p>Jazz Ensemble III<br/>Course Number: 5370<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout and concurrent enrollment in band</p>                                               | <p>Jazz Ensemble is for students in band, choir, or orchestra who are interested in studying and performing various styles of music related to the genre of Jazz. Enrolled students will perform mainly in the Big Band setting with opportunities to perform in smaller combos as well. Placement in Jazz Ensemble will be determined by written approval and audition only. Students will register for Jazz Ensemble classes based upon years of high school experience. Students in Jazz Ensemble must also be enrolled in Band, Choir, or Orchestra.</p> |
| <p>Jazz Ensemble IV<br/>Course Number: 5371<br/>Offered In: 12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout and concurrent enrollment in band</p>                                                   | <p>Jazz Ensemble is for students in band, choir, or orchestra who are interested in studying and performing various styles of music related to the genre of Jazz. Enrolled students will perform mainly in the Big Band setting with opportunities to perform in smaller combos as well. Placement in Jazz Ensemble will be determined by written approval and audition only. Students will register for Jazz Ensemble classes based upon years of high school experience. Students in Jazz Ensemble must also be enrolled in Band, Choir, or Orchestra.</p> |
| <p>AP Music Theory<br/>Course Number: 5396<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: 5 years of performance in a music ensemble either in school or privately OR pre-assessment evaluation</p> | <p>This course is designed for students who are interested in an advanced understanding of music and/or pursuing a career in music or music studies at the college level. The student is expected to learn how to write, analyze, and create original music in the classical style. Students will also learn aural skills to sing basic melodies and dictate melodies and harmonies.</p>                                                                                                                                                                     |

## Mariachi

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| <p>Mariachi Ensemble I<br/>Course Number: 5352<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout (violin, trumpet, or guitar)</p> | <p>Mariachi Ensemble (Mariachi Nuevo Cascabel) is for students interested in performing the traditional music of Mexico. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of mariachi music and literature through performance. Students will be expected to rehearse and perform outside the normal school schedule.</p> |
| <p>Mariachi Ensemble II<br/>Course Number: 5353<br/>Offered In: 10-12<br/>Credits: 1 credit</p>                                                                   | <p>Mariachi Ensemble (Mariachi Nuevo Cascabel) is for students interested in performing the traditional music of Mexico. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of mariachi music and literature through performance. Students will be expected to rehearse and perform outside the normal school schedule.</p> |

Prerequisites: Mariachi Ensemble I

Mariachi Ensemble III  
Course Number: 5354  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Mariachi Ensemble II

Mariachi Ensemble (Mariachi Nuevo Cascabel) is for students interested in performing the traditional music of Mexico. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of mariachi music and literature through performance. Students will be expected to rehearse and perform outside the normal school schedule.

Mariachi Ensemble IV  
Course Number: 5355  
Offered In: 12  
Credits: 1 credit  
Prerequisites: Mariachi Ensemble III

Mariachi Ensemble (Mariachi Nuevo Cascabel) is for students interested in performing the traditional music of Mexico. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of mariachi music and literature through performance. Students will be expected to rehearse and perform outside the normal school schedule.

Music Guitar I  
Course Number: 5356  
Offered In: 9-10  
Credits: 1 credit  
Prerequisites: None

This course will develop classical guitar techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of guitar literature. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of classical guitar music and literature through performance. Attendance at performances and rehearsals outside of the normal school day may be required. An adequate (director approved) nylon string guitar is required for this course.

Music Guitar II  
Course Number: 5357  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites:  
Audition/Tryout or Music Guitar I

This course will develop classical guitar techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of guitar literature. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of classical guitar music and literature through performance. Attendance at performances and rehearsals outside of the normal school day may be required. An adequate (director approved) nylon string guitar is required for this course.

Music Guitar III  
Course Number: 5358  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites:  
Audition/Tryout or Music Guitar II

This course will develop classical guitar techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of guitar literature. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of classical guitar music and literature through performance. Attendance at performances and rehearsals outside of the normal school day may be required. An adequate (director approved) nylon string guitar is required for this course.

Music Guitar IV  
Course Number: 5359  
Offered In: 12  
Credits: 1 credit  
Prerequisites:  
Audition/Tryout or Music Guitar III

This course will develop classical guitar techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of guitar literature. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of classical guitar music and literature through performance. Attendance at performances and rehearsals outside of the normal school day may be required. An adequate (director approved) nylon string guitar is required for this course.

## Orchestra

Sinfonietta I  
Course Number: 5325  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: 2 years of middle school or private orchestra

This course is the "sub-non-varsity orchestra" at SMHS. This class is offered to all students as a continuation and enrichment of string techniques for students with previous orchestral experience. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of music and orchestral literature through performance. Literature studied in the course will contain both Classical and Popular genres. Students will perform both in small ensembles and in large composite groups. The orchestra is expected to rehearse and perform outside of designated class time. Course Fee Required

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| <p>Sinfonietta II<br/>Course Number: 5326<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: Sinfonietta I</p>                             | <p>This course is the “sub-non-varsity orchestra” at SMHS. This class is offered to all students as a continuation and enrichment of string techniques for students with previous orchestral experience. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of music and orchestral literature through performance. Literature studied in the course will contain both Classical and Popular genres. Students will perform both in small ensembles and in large composite groups. The orchestra is expected to rehearse and perform outside of designated class time. Course Fee Required</p> |
| <p>Sinfonietta III<br/>Course Number: 5327<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: Sinfonietta II</p>                           | <p>This course is the “sub-non-varsity orchestra” at SMHS. This class is offered to all students as a continuation and enrichment of string techniques for students with previous orchestral experience. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of music and orchestral literature through performance. Literature studied in the course will contain both Classical and Popular genres. Students will perform both in small ensembles and in large composite groups. The orchestra is expected to rehearse and perform outside of designated class time. Course Fee Required</p> |
| <p>Sinfonietta IV<br/>Course Number: 5328<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: Sinfonietta III</p>                           | <p>This course is the “sub-non-varsity orchestra” at SMHS. This class is offered to all students as a continuation and enrichment of string techniques for students with previous orchestral experience. Educational emphasis is placed on the introduction of advanced instrumental techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of music and orchestral literature through performance. Literature studied in the course will contain both Classical and Popular genres. Students will perform both in small ensembles and in large composite groups. The orchestra is expected to rehearse and perform outside of designated class time. Course Fee Required</p> |
| <p>Philharmonic Orchestra I<br/>Course Number: 5390<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout Required</p>    | <p>The Philharmonic Orchestra is the “non-varsity orchestra” at SMHS. This class is offered, by audition only, to all students as a continuation of orchestral studies with previous experience at a more rigorous level than the Sinfonietta orchestra. Educational emphasis is placed on the continued development of advanced instrumental techniques, introduction of complex skills in music literacy and musicianship, while simultaneously developing a deeper understanding of music and orchestral literature through performance.</p>                                                                                                                                                                                                              |
| <p>Philharmonic Orchestra II<br/>Course Number: 5391<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout Required</p>  | <p>The Philharmonic Orchestra is the “non-varsity orchestra” at SMHS. This class is offered, by audition only, to all students as a continuation of orchestral studies with previous experience at a more rigorous level than the Sinfonietta orchestra. Educational emphasis is placed on the continued development of advanced instrumental techniques, introduction of complex skills in music literacy and musicianship, while simultaneously developing a deeper understanding of music and orchestral literature through performance.</p>                                                                                                                                                                                                              |
| <p>Philharmonic Orchestra III<br/>Course Number: 5392<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout Required</p> | <p>The Philharmonic Orchestra is the “non-varsity orchestra” at SMHS. This class is offered, by audition only, to all students as a continuation of orchestral studies with previous experience at a more rigorous level than the Sinfonietta orchestra. Educational emphasis is placed on the continued development of advanced instrumental techniques, introduction of complex skills in music literacy and musicianship, while simultaneously developing a deeper understanding of music and orchestral literature through performance.</p>                                                                                                                                                                                                              |
| <p>Philharmonic Orchestra IV<br/>Course Number: 5393<br/>Offered In: 12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout Required</p>     | <p>The Philharmonic Orchestra is the “non-varsity orchestra” at SMHS. This class is offered, by audition only, to all students as a continuation of orchestral studies with previous experience at a more rigorous level than the Sinfonietta orchestra. Educational emphasis is placed on the continued development of advanced instrumental techniques, introduction of complex skills in music literacy and musicianship, while simultaneously developing a deeper understanding of music and orchestral literature through performance.</p>                                                                                                                                                                                                              |
| <p>Chamber Orchestra I<br/>Course Number: 5380<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites:<br/>Audition/Tryout Required</p>         | <p>The Chamber Orchestra is the “varsity orchestra” at SMHS. This class is offered as a continuation of orchestral studies with previous experience at a more rigorous level than the Philharmonic Orchestra. Educational emphasis is placed on mastering advanced instrumental techniques, complex skills in music literacy, and independent musicianship while studying advanced and professional level repertoire.</p>                                                                                                                                                                                                                                                                                                                                    |

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| Chamber Orchestra II<br>Course Number: 5381<br>Offered In: 10-12<br>Credits: 1 credit<br>Prerequisites:<br>Audition/Tryout Required | The Chamber Orchestra is the “varsity orchestra” at SMHS. This class is offered as a continuation of orchestral studies with previous experience at a more rigorous level than the Philharmonic Orchestra. Educational emphasis is placed on mastering advanced instrumental techniques, complex skills in music literacy, and independent musicianship while studying advanced and professional level repertoire. |
| Chamber Orchestra III<br>Course Number: 5382<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Audition required          | The Chamber Orchestra is the “varsity orchestra” at SMHS. This class is offered as a continuation of orchestral studies with previous experience at a more rigorous level than the Philharmonic Orchestra. Educational emphasis is placed on mastering advanced instrumental techniques, complex skills in music literacy, and independent musicianship while studying advanced and professional level repertoire. |
| Chamber Orchestra IV<br>Course Number: 5383<br>Offered In: 12<br>Credits: 1 credit<br>Prerequisites: Audition required              | The Chamber Orchestra is the “varsity orchestra” at SMHS. This class is offered as a continuation of orchestral studies with previous experience at a more rigorous level than the Philharmonic Orchestra. Educational emphasis is placed on mastering advanced instrumental techniques, complex skills in music literacy, and independent musicianship while studying advanced and professional level repertoire. |

## Choir

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| Choir I Treble (higher voice)<br>Course Number: 5511<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: No experience, Audition is required    | This course will develop techniques for treble voices (Soprano/Alto) through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of vocal literature. Educational emphasis is placed on the introduction of vocal techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of vocal music and literature through performance.                                                   |
| Choir I Tenor/Bass (lower voice)<br>Course Number: 5512<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: No experience, Audition is required | This course will develop techniques for lower voices (Tenor/Bass) through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of vocal literature. Educational emphasis is placed on the introduction of vocal techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of vocal music and literature through performance.                                                      |
| Choir II<br>Course Number: 5521<br>Offered In: 10-12<br>Credits: 1 credit<br>Prerequisites: Choir I and Audition required                              | This course will continue the development and techniques of choral music through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of vocal literature for all voice types (Soprano/Alto/Tenor/Bass). Educational emphasis is placed on the introduction of vocal techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of vocal music and literature through performance. |
| Choir III<br>Course Number: 5531<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Choir II and Audition required                            | This course will continue the development and techniques of choral music through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of vocal literature for all voice types (Soprano/Alto/Tenor/Bass). Educational emphasis is placed on the introduction of vocal techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of vocal music and literature through performance. |
| Choir IV<br>Course Number: 5532<br>Offered In: 12<br>Credits: 1 credit<br>Prerequisites: Audition required                                             | This course will continue the development and techniques of choral music through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of vocal literature for all voice types (Soprano/Alto/Tenor/Bass).                                                                                                                                                                                                                                                      |

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| Vocal Ensemble I<br>Course Number: 5501<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: Director approval and concurrent enrollment in Choir                        | This course will develop techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of vocal literature. Educational emphasis is placed on the introduction of vocal techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of vocal music and literature through performance.                                                                                                                                                                                                       |
| Vocal Ensemble II<br>Course Number: 5502<br>Offered In: 10-12<br>Credits: 1 credit<br>Prerequisites: Vocal Ensemble I, director approval, and concurrent enrollment in Choir   | This course will develop techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of vocal literature. Educational emphasis is placed on the introduction of vocal techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of vocal music and literature through performance.                                                                                                                                                                                                       |
| Vocal Ensemble III<br>Course Number: 5503<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Vocal Ensemble II, director approval, and concurrent enrollment in Choir | This course will develop techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of vocal literature. Educational emphasis is placed on the introduction of vocal techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of vocal music and literature through performance. Attendance at performances and rehearsals outside of the normal school day will be required. This class is for students that have auditioned for and have been accepted into the Varsity Mixed Choir. |
| Vocal Ensemble IV<br>Course Number: 5504<br>Offered In: 12<br>Credits: 1 credit<br>Prerequisites: Vocal Ensemble III, director approval, and concurrent enrollment in Choir    | This course will develop techniques through music literacy, creative expression, historical and cultural relevance; and critical evaluation through the study of vocal literature. Educational emphasis is placed on the introduction of vocal techniques, continued development of skills in music literacy and musicianship while simultaneously developing a deeper understanding of vocal music and literature through performance.                                                                                                                                                                                                       |

## Dance

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| Dance I<br>Course Number: 7711<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: None        | This course is an introduction to dance as a visual and performing art form. Ballet, jazz, lyrical, modern dance and social dance forms will be introduced with an emphasis on lifelong conditioning and exercise. Students will be exposed to a wide variety of cultural, religious, and historical influences on dance, arts, and science which specifically address the development of dance as part of human culture.                                                                                 |
| Dance II<br>Course Number: 7721<br>Offered In: 10-12<br>Credits: 1 credit<br>Prerequisites: Dance I   | This course is a further study of dance as a visual and performing art form. Dance II is a continuation of Dance I with an intense study of ballet, jazz, lyrical and modern dance forms with strong emphasis on performance, technique, theory, movement and rhythmic structures. Students will be exposed to a wide variety of cultural, religious, and historical influences on dance, arts, and science which specifically address the development of dance as part of human culture.                 |
| Dance III<br>Course Number: 7731<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Dance II | This course is an intensified study of dance as a visual and performing art form. Dance III is a continuation of Dance II with an intense study of ballet, jazz, lyrical and modern dance forms with strong emphasis on performance, technique, theory, movement and rhythmic structures. Students will be exposed to a wide variety of cultural, religious, and historical influences on dance, arts, and science which specifically address the development of dance as part of human culture.          |
| Dance IV<br>Course Number: 7741<br>Offered In: 10-12<br>Credits: 1 credit<br>Prerequisites: Dance III | This course is an intensified study of dance as a visual and performing art form. Dance IV is a continuation of Dance III with a continued intense study of ballet, jazz, lyrical and modern dance forms with strong emphasis on performance, technique, theory, movement and rhythmic structures. Students will be exposed to a wide variety of cultural, religious, and historical influences on dance, arts, and science which specifically address the development of dance as part of human culture. |

## Cheer

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| Cheer I<br>Course Number: 7763<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: Tryout required    | The cheerleading squad consists of a varsity and a junior varsity squad whose members perform at sports activities and community events throughout the year. Membership will be determined by tryouts held before a panel of judges in the spring for the following school year. This course can serve as a PE substitute. |
| Cheer II<br>Course Number: 7762<br>Offered In: 10-12<br>Credits: 1 credit<br>Prerequisites: Tryout required  | The cheerleading squad consists of a varsity and a junior varsity squad whose members perform at sports activities and community events throughout the year. Membership will be determined by tryouts held before a panel of judges in the spring for the following school year. This course can serve as a PE substitute. |
| Cheer III<br>Course Number: 7761<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Tryout required | The cheerleading squad consists of a varsity and a junior varsity squad whose members perform at sports activities and community events throughout the year. Membership will be determined by tryouts held before a panel of judges in the spring for the following school year. This course can serve as a PE substitute. |
| Cheer IV<br>Course Number: 7764<br>Offered In: 12<br>Credits: 1 credit<br>Prerequisites: Tryout required     | The cheerleading squad consists of a varsity and a junior varsity squad whose members perform at sports activities and community events throughout the year. Membership will be determined by tryouts held before a panel of judges in the spring for the following school year. This course can serve as a PE substitute. |

## Theater Arts

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| Theatre Art I<br>Course Number: 5711<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: None                                                                              | This course includes more accelerated instruction in expressive use of the body and voice, improvisation, parts of the stage, movement, technical theatre skills and appreciation. Students are required to attend and evaluate the departmental productions during the year. Course fee required.                                                                                                                                                                                               |
| Advanced Theatre Art I<br>Course Number: 5711<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: 2-3 years of middle school Theater Arts and Audition/Tryout for director | This course includes more accelerated instruction in expressive use of the body and voice, improvisation, parts of the stage, movement, technical theatre skills and appreciation. Students are required to attend and evaluate the departmental productions during the year. Course fee required.                                                                                                                                                                                               |
| Theatre Art II<br>Course Number: 5712<br>Offered In: 10-12<br>Credits: 1 credit<br>Prerequisites: Theatre Arts I                                                                  | This course focuses on expanding knowledge in the areas introduced in Theatre I with emphasis on classical acting concepts and skills. Students are exposed to all aspects of production by preparing a class play from auditioning techniques through closing of a show. Students are required to attend and evaluate the departmental productions during the year. Course fee required.                                                                                                        |
| Theatre Art III<br>Course Number: 5713<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Theatre Arts II                                                                | This course focuses on expanding knowledge in the areas introduced in Theatre II with emphasis on classical acting concepts and skills. Students are exposed to all aspects of production by preparing a class play from auditioning techniques through closing of a show. Theatre III students learn and apply general principles of directing through student directed scenes. Students are required to attend and evaluate the departmental productions during the year. Course fee required. |

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| Theatre Art IV<br>Course Number: 5714<br>Offered In: 12<br>Credits: 1 credit<br>Prerequisites: Theatre Arts III                                                            | This course focuses on expanding knowledge in the areas introduced in Theatre III with emphasis on classical acting concepts and skills. Students are exposed to all aspects of production by preparing a class play from auditioning techniques through closing of a show. Theatre IV students learn and apply general principles of directing through student directed scenes. Students are required to attend and evaluate the departmental productions during the year. Course fee required.                                                                                                                                                                              |
| Theatre Production I<br>Course Number: 5751<br>Offered In: 9-12<br>Credits: 1 credit<br>Prerequisites: 2-3 years of middle school Theater and Audition/Tryout for director | This course develops skills in applied communications, practical applications, performances, and recognition of career opportunities in theatre. Through the presentation of main stage plays, students use skills in all aspects of theatrical production (performance and/or technical areas). Students are required to audition for a role or technical position for each school production during the current year and to contribute after school time as needed. Students are required to attend and evaluate the departmental productions during the year. Course fee required.                                                                                         |
| Theatre Production II<br>Course Number: 5752<br>Offered In: 10-12<br>Credits: 1 credit<br>Prerequisites: Theatre Production I                                              | This course develops skills in applied communications, practical applications, performances, and recognition of career opportunities in theatre. Through the presentation of main stage plays, students use skills in all aspects of theatrical production (performance and/or technical areas). Students are required to audition for a role or technical position for each school production during the current year and to contribute after school time as needed. Students are required to attend and evaluate the departmental productions during the year. Course fee required.                                                                                         |
| Theatre Production III<br>Course Number: 5753<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Theatre Production II                                            | This course develops skills in applied communications, practical applications, performances, and recognition of career opportunities in theatre through the presentation of main stage plays. Students are required to audition for a role or technical position for each school production during the current year and to contribute after school time as needed. Students are required to attend and evaluate the departmental productions during the year. Course fee required.                                                                                                                                                                                            |
| Theatre Production IV<br>Course Number: 5754<br>Offered In: 12<br>Credits: 1 credit<br>Prerequisites: Theatre Production III                                               | This course develops skills in applied communications, practical applications, performances, and recognition of career opportunities in theatre through the presentation of main stage plays. Students are required to audition for a role or technical position for each school production during the current year and to contribute after school time as needed. Students are required to attend and evaluate the departmental productions during the year. Course fee required.                                                                                                                                                                                            |
| Technical Theatre I<br>Course Number: 5761<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Theatre Arts I                                                      | This course is an extension of Theatre Arts I that stresses technical elements of theatre (stage areas, fly systems, etc.), how to utilize theatre systems (production calendar, tech rehearsals, production staff roles, etc.), recognize safe theatre practices (personal safety, fire safety, tool safety, shop safety, handling emergencies in the theatre, etc.), and apply basic script analysis techniques to technical theatre elements. Students will strengthen professional and vocational job traits that demonstrate a "novice" level of theatrical content-related knowledge and skills standards.                                                              |
| Technical Theatre II<br>Course Number: 5762<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Theatre Arts I and Technical Theatre I                             | This course is an extension of Theatre Production I that stresses technical elements of theatre (stage areas, fly systems, etc.), how to utilize theatre systems (production calendar, tech rehearsals, production staff roles, etc.), recognize safe theatre practices (personal safety, fire safety, tool safety, shop safety, handling emergencies in the theatre, etc.), and apply basic script analysis techniques to technical theatre elements.                                                                                                                                                                                                                        |
| Technical Theatre III<br>Course Number: 5763<br>Offered In: 11-12<br>Credits: 1 credit<br>Prerequisites: Theatre Arts I and Technical Theatre II                           | This course continues student academic growth and skill refinement that stresses technical elements of theatre, how to utilize theatre systems, recognize safe theatre practices, and apply script analysis techniques to technical theatre elements. The student will focus on a specific area of technical theatre production concepts and skills by: demonstrating design and building techniques of scenery; designing and building or pulling and altering costumes; designing lighting and using electrical theory and practice as it applies to theatrical lighting; demonstrating an understanding of the physics of acoustics and sound through the design of sound; |

Technical Theatre IV  
Course Number: 5764  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Theatre Arts  
I and Technical Theatre III

This course continues student academic growth and skill refinement that stresses technical elements of theatre, how to utilize theatre systems, recognize safe theatre practices, and apply script analysis techniques to technical theatre elements. The student will focus on a specific area of technical theatre production concepts and skills by: demonstrating design and building techniques of scenery; designing and building or pulling and altering costumes; designing lighting and using electrical theory and practice as it applies to theatrical lighting; demonstrating an understanding of the physics of acoustics and sound through the design of sound; designing marketing products for theatrical productions; demonstrating stage management techniques such as build a promptbook,

## Speech / Debate

Professional  
Communication  
Course Number: 1515  
Offered in: 9-12  
Credits: 1/2 credit  
Prerequisites: None

This course allows students to blend 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. This builds the student's creativity and provides a strong background in computer and technology applications and a proficiency in professional oral and written communication.

Speech Dual Credit  
Course Number: 1519  
Offered in: 12  
Credits: 1/2 credit  
Prerequisites: None

This course allows students to blend 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. This builds the student's creativity and provides a strong background in computer and technology applications and a proficiency in professional oral and written communication.

Debate I  
Course Number: 1541  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

Controversial issues arise in aspects of personal, social, public, and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation and debate become interested in current issues, develop sound critical thinking, and sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues.

# Courses: Career & Technical Education (CTE)

The full [CTE Course Catalog](https://smcisd.net/cte) is available on the CTE website at [smcisd.net/cte](https://smcisd.net/cte). The website also has videos, facility cameras, and information sheets about all CTE programs.



## Agricultural Technology & Mechanical Systems

Principles of Agriculture,  
Food, & Natural Res.  
Course Number: 6100  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This course allows students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academics skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Ag Mechanics & Metal  
Technologies  
Course Number: 6150  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Principles of  
Ag (unless 10th+)

This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. Students have the opportunity to work on small projects of their own creation as they apply their learning to real-life simulations.

Ag Structures Design &  
Fabrication  
Course Number: 6103  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Ag Mech. &  
Metal Tech.

This course allows students to explore career opportunities, entry requirements, and industry expectations in the Agricultural Mechanics industry. Students attain knowledge and skills in mechanized agriculture and technical systems, as well as various techniques related to structure design and fabrication. Students work on individual and group projects that allow them to design and create in real-life simulations.

Ag Equipment Design &  
Fabrication  
Course Number: 6105  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Ag  
Structures Des. & Fab.

This course allows students to apply their agricultural engineering & Fabrication knowledge and skills to practical environments related to the design and fabrication of agricultural equipment. Students work with industry partners to improve their skills in design and fabrication, as well as expanding their knowledge of various career opportunities in the field.

## Animal Science

Principles of Agriculture,  
Food, & Natural Res.  
Course Number: 6100  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This course allows students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academics skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Livestock Production  
Course Number: 6111  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Principles of  
Ag (unless 10th+)

This course allows students to acquire knowledge and skills related to livestock and the livestock production industry. The course may address topics related to cattle, swine, sheep, goats, poultry, and/or domestic animals. Students will attain knowledge and skills related to animal systems and the workplace, career opportunities, entry requirements, and industry expectations. Students gain opportunities to learn, reinforce, apply, and transfer what they learn in a variety of settings.

Veterinary Medical Applications  
Course Number: 6403  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Livestock Production

This course covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students acquire technical knowledge and skills related to animal systems and the workplace and learn about career opportunities, entry requirements, and industry expectations. Students extend their work in the campus Veterinary Clinic, using real-world experiences to enhance their learning.

Practicum in Ag, Food, & Nat. Resources  
Course Number: 6404  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Vet Med Applications

This course is designed to give students supervised practical applications of knowledge and skills. Practicum experiences occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. Students partner with local veterinary offices to earn clinical hours required to sit for the Certified Veterinary Assistant, Level 1 exam. **Students are required to use a portion of their schedule to intern at one of several partner veterinary clinics as part of this course.**

Advanced Animal Science  
Course Number: 6109  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Vet Med Applications

This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. Students work with the campus Veterinary Clinic, as well as various student animal projects as they apply their learning to real-world situations.

## Automotive: Auto Technology

Automotive Basics  
Course Number: 6806  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

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. It includes applicable safety and environmental rules and regulations. Students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems, and focus on safety, tool identification, proper tool use, and employability.

Automotive Technology I  
Course Number: 6802  
Offered In: 10-12  
Credits: 2 credits  
Prerequisites: Automotive Basics

This course includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. It includes applicable safety and environmental rules and regulations. Students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems, and focus on safety, tool identification, proper tool use, and employability.

Automotive Technology II  
Course Number: 6803  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Automotive Technology I

This course continues the students' application of their knowledge of major automotive systems and the principles of diagnosing and servicing these systems. Students get to work in real-life situations and environments, servicing vehicles from actual customers in the Automotive Technology Shop, including the operations of a shop through invoicing, customer service, planning, diagnosing, and problem solving.

## Automotive: Collision Repair

Basic Collision Repair & Refinishing  
Course Number: 6807  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This course includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course teaches the concepts and theory of systems related to automotive collision repair and refinishing, and provides introductory experiences for students around safety, tool identification, proper tool use, and employability.

Collision Repair  
Course Number: 6808  
Offered In: 10-12  
Credits: 2 credits  
Prerequisites: Basic Collision Repair

This course provides students with the opportunity to begin applying their knowledge and skills of the processes, technologies, and materials used in the reconstruction of vehicles to practical settings. Students begin to utilize more advanced equipment and continue through the process of diagnosing, preparing, and completing automotive body repairs.

Paint & Refinishing  
 Course Number: 6809  
 Offered In: 11-12  
 Credits: 2 credits  
 Prerequisites: Collision  
 Repair

This course advances students' knowledge and skills of the processes, technologies, and materials used in the reconstruction of vehicles with further laboratory and field experiences related to the content. Students learn to repair damaged vehicles, as well as explore options for creative additions and revisions to automotive designs.

## Business Management

Foundations of Business  
 Comm. & Tech.  
 Course Number: 6340  
 Offered In: 9-12  
 Credits: 1 credit  
 Prerequisites: None

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

Business Management  
 Course Number: 6346  
 Offered In: 10-12  
 Credits: 1 credit  
 Prerequisites: Foundations  
 of BCT (unless 10th+)

Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

Entrepreneurship  
 Course Number: 6513  
 Offered In: 11-12  
 Credits: 1 credit  
 Prerequisites: Business  
 Management

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

Practicum in Business  
 Management  
 Course Number: 6922  
 Offered In: 11-12  
 Credits: 2 credits  
 Prerequisites:  
 Entrepreneurship

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and in a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

## Construction Management & Inspection

Principles of Construction  
 Course Number: 6205  
 Offered In: 9-12  
 Credits: 1 credit  
 Prerequisites: None

This course is intended to provide an introduction and lay a solid foundation for those students interested in construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. This course also provides communication and occupational skills to assist the student in obtaining and maintaining employment.

Construction  
 Management I  
 Course Number: 6225  
 Offered In: 10-12  
 Credits: 2 credits  
 Prerequisites: Principles of  
 Construction

This course gives students the knowledge and skills needed 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. The course provides the knowledge of design techniques and tools related to the management of architectural and engineering projects.

Construction Management II  
Course Number: 6227  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites:  
Construction Management I

This course extends the students' knowledge and skills needed 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. The course allows students to work collaboratively and individually on projects from the design phase, to implementation, through completion.

Practicum in Construction Management  
Course Number: 6230  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites:  
Construction Management II

This course is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job related study in the classroom. Students in this course take primary ownership of the design, implementation, and completion of the tiny home project, including work in electrical, plumbing, and HVAC.

## Cosmetology & Personal Care Services

Foundations of Business Comm. & Tech.  
Course Number: 6340  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

In Foundations of Business Communication and Technologies, 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.

Introduction to Cosmetology  
Course Number: 6225  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Foundations of BCT preferred

This course allows students to explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin earning hours toward state licensing requirements and partner with students in upper-level courses to get experience learning the theory and process involved in operating a cosmetology operation.

Cosmetology I  
Course Number: 6227  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Introduction to Cosmetology

This course allows students to integrate academic, career, and technical knowledge and skills in a laboratory designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization procedures, hair care, nail care, and skin care and meets the needs for licensure. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

Cosmetology II  
Course Number: 6326  
Offered In: 11-12  
Credits: 3 credits  
Prerequisites:  
Cosmetology I

This course allows students to demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills, Texas Department of Licensing and Regulation (TDLR) rules and regulations, use of tools, equipment, technology and materials, and practical skills.

## Culinary Arts

Introduction to Culinary Arts  
Course Number: 6527  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant, as well as food production skills, various levels of industry management, and hospitality skills. The course is offered as a classroom and laboratory-based course.

|                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <p>Culinary Arts<br/>Course Number: 6528<br/>Offered In: 10-12<br/>Credits: 2 credits<br/>Prerequisites: Intro to Culinary Arts</p>                              | <p>This course begins with the fundamental and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue an industry certification with the demonstration of their skills. This course is offered as a laboratory-based course.</p>                                                                                                                                                                                        |
| <p>Advanced Culinary Arts<br/>Course Number: 6529<br/>Offered In: 11-12<br/>Credits: 2 credits<br/>Prerequisites: Culinary Arts</p>                              | <p>This course 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. Students in this course will have the opportunity to plan, design, and implement a variety of culinary events both on and off campus.</p>                                                                                                                   |
| <p>Practicum in Culinary Arts<br/>Course Number: 6535<br/>Offered In: 11-12<br/>Credits: 2 credits<br/>Prerequisites: Advanced Culinary Arts</p>                 | <p>This course is a unique practicum that provides opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. It integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace.</p> |
| <p>Food Science<br/>Course Number: 6536<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: 3 units of Science, including Chemistry &amp; Biology</p> | <p>This course allows students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. The course studies the nature of food, the causes of deterioration, the principles underlying food processing, and the improvement of food for the consuming public.</p>                                                                                                                     |

## Cybersecurity

|                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <p>Foundations of Cybersecurity<br/>Course Number: 6718<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: None</p>                                 | <p>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. A variety of courses are available to students interested in this field. Foundations of Cybersecurity may serve as an introductory course in this field of study.</p> |
| <p>Computer Maintenance<br/>Course Number: 6712<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: Foundations of Cybersecurity (unless 10th+)</p> | <p>This course allows students to acquire knowledge of computer maintenance and create appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technology.</p>                                                                                                                                                                               |
| <p>Networking<br/>Course Number: 6714<br/>Offered In: 10-12<br/>Credits: 2 credits<br/>Prerequisites: Culinary Arts</p>                                        | <p>In Networking, 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.</p>                                                                                                                                                                                                                                                                                       |
| <p>Cybersecurity Capstone<br/>Course Number: 6719<br/>Offered In: 11-12<br/>Credits: 2 credits<br/>Prerequisites: Networking</p>                               | <p>In the Cybersecurity Capstone course, 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.</p>                                                                                             |

## Diagnostic & Therapeutic Services: EMT

Principles of Health Science

Course Number: 6401

Offered In: 9-12

Credits: 1 credit

Prerequisites: None

This introductory course exposes students to the health care industry. Students will gain an overview of the health care industry including exercise science and wellness, certified nursing, medical assisting, emergency medical services, and ethical and legal concerns in the industry.

Medical Terminology

Course Number: 6411

Offered In: 10-12

Credits: 1 credit

Prerequisites: Principles of Health Sci. (unless 10th+)

This course introduces 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.

Anatomy & Physiology

Course Number: 3266

Offered In: 10-12

Credits: 1 credit

Prerequisites: Medical Terminology

This course allows students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

Practicum in Health Science: EMT

Course Number: 6415

Offered In: 11-12

Credits: 2 credits

Prerequisites: Anatomy & Physiology

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. EMT Practicum students work alongside trainers from the Texas Fire Academy to earn their Emergency Medical Technician - Basic Certification.

## Diagnostic & Therapeutic Services: Medical Assisting

Principles of Health Science

Course Number: 6401

Offered In: 9-12

Credits: 1 credit

Prerequisites: None

This introductory course exposes students to the health care industry. Students will gain an overview of the health care industry including exercise science and wellness, certified nursing, medical assisting, emergency medical services, and ethical and legal concerns in the industry.

Medical Terminology

Course Number: 6411

Offered In: 10-12

Credits: 1 credit

Prerequisites: Principles of Health Sci. (unless 10th+)

This course introduces 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.

Anatomy & Physiology

Course Number: 3266

Offered In: 10-12

Credits: 1 credit

Prerequisites: Medical Terminology

This course allows students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

Medical Assisting  
Course Number: 6406  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Anatomy & Physiology

This course provides students both a theoretical and clinical view of careers in the health industry. Students work in classroom settings to develop advanced knowledge and skills in analyzing systematic procedures for problem solving, evaluating the impacts of decisions, and suggesting modifications based on outcomes. Students also work in a clinical setting to employ medical vocabulary specific to health care settings, perform admission, discharge, and transfer functions, and study industry standards.

## Digital Communications

Principles of Arts, AV Technology, and Comm.  
Course Number: 6356  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

Careers in the Arts, Audio Visual Technology, and Communications career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Audio/Video Production I  
Course Number: 6390  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Principles of Arts, AV Tech, & Comm.

This course develops the knowledge and skills required for success with audio and video technology, film production, and all aspects of the audio/video communications industry. Students work in the Rattler Broadcast Studio to practice and refine their skills related to pre-production, production, and, post-production audio and video products.

Audio/Video Production II Lab  
Course Number: 6362  
Offered In: 11-12  
Credits: 2 credits, 1 period  
Prerequisites: A/V Prod. I

This course allows students to develop an understanding of the industry with a deeper focus on pre-production, production, and post-production products. Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical thinking, problem-solving, and collaborative skills.

Practicum in Audio/Video Production  
Course Number: 6363  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: AV Prod. II

This course builds upon the concepts taught in A/V Production II, Production developing advanced technical knowledge and skills needed for success in the audio/video communications industry. Students continue to develop their skills in pre-production, production, and post-production projects, in a professional environment. Through various community partnerships, students have the opportunity to create and design projects for real clients as they demonstrate their mastery of skills.

## Engineering Foundations

Principles of Applied Engineering  
Course Number: 6749  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This course 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. Students will have an understanding of the various fields of engineering and experience working on a design team to develop systems.

Robotics I  
Course Number: 6730  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Principles of Applied Engineering (unless 10th+)

This course allows students to transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, expectations, and educational needs in the robotic and automation industry.

Robotics II  
Course Number: 6735  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Robotics I

This course allows students to explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

Practicum in Engineering  
Course Number: 6759  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Robotics II

Practicum in Engineering is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in engineering, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

## Exercise Science, Wellness & Restoration

Principles of Health  
Science  
Course Number: 6401  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This introductory course exposes students to the health care industry. Students will gain an overview of the health care industry including exercise science and wellness, certified nursing, medical assisting, emergency medical services, and ethical and legal concerns in the industry.

Kinesiology I  
Course Number: 7703  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Principles of  
Health Sci. (unless 10th+)

This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological function of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers with the kinesiology field and be able to explain the societal demands for kinesiology-related jobs. Students expected to also take Athletics for laboratory experience with this course.

Kinesiology II  
Course Number: 7704  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Kinesiology I

This course is designed to provide students an advanced level of knowledge, skills, and understanding of body composition and the effect on health, nutritional needs of physically active individuals, appropriate rehabilitation services, and aerobic training intensity programs. Students explore the exercise business model and gain an understanding of therapeutic sports psychology. Students expected to also take Athletics for laboratory experience with this course.

Practicum in Health  
Science: Kinesiology  
Course Number: 6417  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Kinesiology  
II

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Kinesiology Practicum students work with the Athletic Training program at SMHS to get hands-on experiences in the field.

## Fashion Design

Principles of Arts, AV  
Technology, and Comm.  
Course Number: 6356  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

Careers in the Arts, Audio Visual Technology, and Communications career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Fashion Design I  
Course Number: 6301  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Principles of  
Arts, AV Tech, & Comm.  
(unless 10th+)

This course introduces students to the knowledge and skills required for a career in the Fashion Industry. Students study all aspects of the textile and apparel industries and develop an understanding of the fashion industry with an emphasis on design and construction. Students work individually and in groups to create products based on their understanding of the factors that impact consumer purchasing of fashion and apparel.

Fashion Design II  
Course Number: 6323  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Fashion Design I

This course strengthens students' knowledge and skills in all aspects of the textile and apparel industries as they develop deeper understanding of the fashion industry with an emphasis on design and construction. Students continue project-based learning while creating a portfolio of their design work, highlighting their ability to design, develop, and construct garments and perform evaluations on existing garments.

Practicum in Fashion Design  
Course Number: 6318  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Fashion Design II

This course provides students an opportunity to work on higher-level projects and design work centered on the fashion industry and related skills. Students partner with industry experts as they learn more about the design, production, and exhibition of fashion related products, as well as the factors that go into the business and marketing portion of the industry.

## JROTC

JROTC I  
Course Number: 3911  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This program does NOT obligate you to join the military. This first-year course is designed to acquaint the cadet with the historical development of flight and the role of the military in history. About three-quarters of the available classroom hours are spent reviewing the development of flight from ancient legends through the Persian Gulf War and beyond. Additionally, the role of the military throughout the history of the United States is identified. At this level, leadership education focuses on the development of good study habits and time management skills, uniform wear, basic drill and Air Force Customs and Courtesies. The Cadet Health & Wellness Program is a 36-week exercise program modifiable to meet individual goals and to motivate cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.

JROTC II  
Course Number: 3921  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: JROTC I

This program does NOT obligate you to join the military. This first-year course is designed to acquaint the cadet with the historical development of flight and the role of the military in history. About three-quarters of the available classroom hours are spent reviewing the development of flight from ancient legends through the Persian Gulf War and beyond. Additionally, the role of the military throughout the history of the United States is identified. At this level, leadership education focuses on the development of good study habits and time management skills, uniform wear, basic drill and Air Force Customs and Courtesies. The Cadet Health & Wellness Program is a 36-week exercise program modifiable to meet individual goals and to motivate cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.

JROTC III  
Course Number: 3931  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: JROTC II

This program does NOT obligate you to join the military. This first-year course is designed to acquaint the cadet with the historical development of flight and the role of the military in history. About three-quarters of the available classroom hours are spent reviewing the development of flight from ancient legends through the Persian Gulf War and beyond. Additionally, the role of the military throughout the history of the United States is identified. At this level, leadership education focuses on the development of good study habits and time management skills, uniform wear, basic drill and Air Force Customs and Courtesies. The Cadet Health & Wellness Program is a 36-week exercise program modifiable to meet individual goals and to motivate cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.

JROTC IV  
Course Number: 3941  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: JROTC III

This program does NOT obligate you to join the military. This first-year course is designed to acquaint the cadet with the historical development of flight and the role of the military in history. About three-quarters of the available classroom hours are spent reviewing the development of flight from ancient legends through the Persian Gulf War and beyond. Additionally, the role of the military throughout the history of the United States is identified. At this level, leadership education focuses on the development of good study habits and time management skills, uniform wear, basic drill and Air Force Customs and Courtesies. The Cadet Health & Wellness Program is a 36-week exercise program modifiable to meet individual goals and to motivate cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.

## Nursing Science: CNA

Principles of Health Science  
Course Number: 6401  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This introductory course exposes students to the health care industry. Students will gain an overview of the health care industry including exercise science and wellness, certified nursing, medical assisting, emergency medical services, and ethical and legal concerns in the industry.

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| <p>Medical Terminology<br/>Course Number: 6411<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: Principles of Health Sci. (unless 10th+)</p> | <p>This course introduces 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.</p>                                                                                                                                                                                                        |
| <p>Anatomy &amp; Physiology<br/>Course Number: 3266<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: Medical Terminology</p>                 | <p>This course allows students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.</p>                                                                                                                                                            |
| <p>Practicum in Health Science: CNA<br/>Course Number: 6419<br/>Offered In: 11-12<br/>Credits: 2 credits<br/>Prerequisites: Anatomy &amp; Physiology</p>   | <p>The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. CNA Practicum gives students the chance to work through curriculum and apply practical skills while earning hours that count toward the CNA certification. The course will prepare students to enter the medical field upon graduation and/or pursuing post-secondary education goals.</p> |

## Plant Science

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Principles of Agriculture, Food, &amp; Natural Res.<br/>Course Number: 6100<br/>Offered In: 9-12<br/>Credits: 1 credit<br/>Prerequisites: None</p>                 | <p>This course allows students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academics skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.</p> |
| <p>Floral Design<br/>Course Number: 6140<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: Principles of Ag (unless 10th+)</p>                           | <p>This course is designed to develop 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. Students will acquire technical knowledge and skills related to horticultural systems, career opportunities, entry requirements, and industry expectations.</p>                                                                                                                                 |
| <p>Advanced Floral Design<br/>Course Number: 6141<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Floral Design</p>                                    | <p>This course builds on students' knowledge from Floral Design and introduces them to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on 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.</p>                                                                    |
| <p>Greenhouse Operation &amp; Production<br/>Course Number: 6144<br/>Offered In: 10-12<br/>Credits: 1 credit<br/>Prerequisites: Principles of Ag (unless 10th+)</p>   | <p>This course provides a way of learning about the natural world. Students learn how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. Students learn the technical skills related to plant and soil science and the workplace, including aspects regarding career opportunities and industry expectations.</p>                                                       |
| <p>Advanced Plant &amp; Soil Science<br/>Course Number: 6131<br/>Offered In: 11-12<br/>Credits: 1 credit<br/>Prerequisites: Greenhouse Operation &amp; Production</p> | <p>This course provides a way of learning about the natural world. Students learn how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. Students learn the technical skills related to plant and soil science and the workplace, including aspects regarding career opportunities and industry expectations.</p>                                                       |

Practicum in Ag, Food, & Nat. Resources  
Course Number: 6404  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Adv. Floral Design OR Adv. Plant & Soil Science

This course is designed to give students supervised practical applications of knowledge and skills. Practicum experiences occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. Students partner with local veterinary offices to earn clinical hours required to sit for the Certified Veterinary Assistant, Level 1 exam.

## Programming & Software Development

Computer Science I  
Course Number: 6376  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This course is designed to foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Using computer science knowledge, students will select the technology appropriate for the task, synthesize knowledge, create a solution, and evaluate the results, all while learning to be good digital citizens.

Computer Science II  
Course Number: 6377  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Computer Science I, Algebra I

This course allows students to collaborate with one another, their instructor and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts, to access, analyze, and evaluate information needed to solve problems. Students gain an understanding of computer science through the study of technology operations, systems, and concepts.

AP Computer Science Principles  
Course Number: 6371  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Algebra I

This course is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge.

AP Computer Science A (Math/LOTE)  
Course Number: 6367/6382  
Offered In: 10-12  
Credits: 2 credits  
Prerequisites: Preferred Comp Sci Principles

This course is an advanced college-level computing course that allows students to design a program, develop the algorithms it needs, and write code to implement it. Students also test program code and correct errors, as well as document and explain how program code works. This course is two credits, one semester for Math credit and the other semester for LOTE.

## Teaching & Training

Principles of Education & Training  
Course Number: 6315  
Offered In: 9-12  
Credits: 1 credit  
Prerequisites: None

This course is designed to introduce students to the various careers within & Training the Education field. Students use self-knowledge as well as educational and career information to analyze various careers and the societal influences on education and various school models. Additionally, students learn the role and responsibilities of a classroom educator. Students will develop a graduate plan that leads to a specific career choice of the student's interest.

Human Growth & Development  
Course Number: 6314  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Principles of Education & Training

This course is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Instructional Practices  
Course Number: 6305  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Human Growth & Development

This course is field-based and provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, and perform other duties of teachers.

Practicum in Education & Training  
Course Number: 6306  
Offered In: 11-12  
Credits: 2 credits  
Prerequisites: Instructional Practices

This course is field-based and provides students further knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students continue to work under the joint direction of their classroom teacher and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and perform other duties of various educators.

## Other CTE Electives

(these courses may be taken alone and may not be part of a Program of Study)

Engineering Mathematics  
Course Number: 6750  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Algebra II

This course allows students to use a variety of mathematical methods and models to represent and analyze problems that represent a range of real-world applications such as robotics, data acquisition, spatial applications, materials engineering, and more.

Food Science  
Course Number: 6536  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: 3 units of Science, including Chemistry & Biology

This course allows students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. The course studies the nature of food, the causes of deterioration, the principles underlying food processing, and the improvement of food for the consuming public.

Forensic Science  
Course Number: 6611  
Offered In: 10-12  
Credits: 1 credit  
Prerequisites: Biology & Chemistry

This course introduces students to the application of science to connect a violation of the law to a specific criminal, criminal act, or behavior and victim. Students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, and glass, while learning terminology and procedures related to investigations.

Interpersonal Studies  
Course Number: 6354  
Offered In: 10-12  
Credits: 1/2 credit  
Prerequisites: None

This course helps students examine how the relationships between individuals and among family members significantly affect the quality of life. Students enhance skills in personal development, fostering quality relationships, and managing multiple adult roles.

Professional  
Communication  
Course Number: 1515  
Offered In: 9-12  
Credits: 1/2 credit  
Prerequisites: None

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication.

Statistics & Business  
Decision Making  
Course Number: 2612  
Offered In: 11-12  
Credits: 1 credit  
Prerequisites: Algebra II

This course is an introduction to statistics and the application of statistics in business decision making. Students will use statistics in real-world scenarios and determine the appropriateness of methods used to collect data, ensuring conclusions are valid.

## EARLY COLLEGE HIGH SCHOOL – ASSOCIATE DEGREE

| 9th Grade-Fall                                           | 9th Grade-Spring                                      | 10th Grade-Fall                     | 10th Grade-Spring                   | 11th Grade-Fall                           | 11th Grade-Spring                   | 12th Grade-Fall                                   | 12th Grade-Spring                    |
|----------------------------------------------------------|-------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------|-------------------------------------|---------------------------------------------------|--------------------------------------|
| <i>*College Readiness &amp; Study Skills (EDUC 1300)</i> | <i>*Business Information Management I (BCIS 1305)</i> | <i>*Spanish I (SPAN 1411)</i>       | <i>*Spanish II (SPAN 1412)</i>      | <i>*US History (A) (HIST1301)</i>         | <i>*US History (B) (HIST 1302)</i>  | <i>*US Government (GOVT 2305)</i>                 | <i>*Texas Government (GOVT 2306)</i> |
| English I                                                | English I                                             | <i>*Art Appreciation (ARTS1301)</i> | <i>*Public Speaking (SPEC 1517)</i> | <i>*English III (A) (ENGL 1301)</i>       | <i>*English III (B) (ENGL 1302)</i> | <i>*English IV-British Literature (ENGL 2322)</i> | <i>*Psychology (PSYC 2301)</i>       |
| Social Studies I                                         | Social Studies I                                      | English II                          | English II                          | <i>*Environmental Systems (BIOL 2306)</i> | <i>*Biology (BIOL 1306/1106)</i>    | <i>*Principles of Sociology (SOCI 1301)</i>       | <i>*Statistics (STATS 1442)</i>      |
| Math I                                                   | Math I                                                | Social Studies II                   | Social Studies II                   | <i>Math III</i>                           | <i>Math III</i>                     | <i>*College Algebra (MATH 1314)</i>               | <i>*Humanities (HUMA)</i>            |
| Science I                                                | Science I                                             | Math II                             | Math II                             | <i>Elective</i>                           | <i>Elective</i>                     | Economics                                         | Elective                             |
| PE                                                       | Elective                                              | Science II                          | Science II                          | <i>Elective</i>                           | <i>Elective</i>                     | Science IV                                        | Science IV                           |
| AVID I                                                   | AVID I                                                | AVID II                             | AVID II                             | <i>AVID III</i>                           | <i>AVID III</i>                     | AVID IV                                           | AVID IV                              |
| Elective                                                 | Elective                                              | Elective                            | Elective                            | <i>Elective</i>                           | <i>Elective</i>                     | Elective                                          | Elective                             |

\*- Coastal Bend College Course

## Courses: Early College High School

Intro to College ECHS  
Course Number: 1050EC  
Offered in: 9  
Credits:0.5 credits  
Prerequisites: Enrollment in Early College High School

A study of the research and theory in the psychology of learning, cognition, and motivation; factors that impact learning, and application of learning strategies.

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BCIS ECHS<br>Course Number: 8621EC<br>Offered in: 9<br>Credits: 1 credit<br>Prerequisites: Enrollment<br>in Early College High<br>School                                                                                                                        | Students will study computer terminology, hardware, and software related to the business environment.                                                                                                                                                                                                                                                                                                            |
| Public Speaking ECHS<br>Course Number: 1517EC<br>Offered in: 10<br>Credits: 0.5 credit<br>Prerequisites: Enrollment<br>in Early College High<br>School                                                                                                          | Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations.                                                                                 |
| Art Appreciation ECHS<br>Course Number: 5113EC<br>Offered in: 10<br>Credits: 1 credit<br>Prerequisites: Enrollment in<br>Early College High School                                                                                                              | A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process.                                                                                                                                                                                                                                                         |
| Sociology ECHS<br>Course Number: 4821EC<br>Offered in: 10-11<br>Credits: 0.5 credit<br>Prerequisites: Pass TSIA<br>Reading                                                                                                                                      | The scientific study of human society, including ways in which groups, social institutions, and individuals affect each other.                                                                                                                                                                                                                                                                                   |
| Psychology ECHS<br>Course Number: 4823EC<br>Offered in: 10-11<br>Credits: 0.5 credit<br>Prerequisites: Pass TSIA<br>Reading                                                                                                                                     | General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes.                                                                                                                                                                                                                                                              |
| US History ECHS<br>Course Number: 4321EC<br>Offered in: 11<br>Credits: 1 credit<br>Prerequisites: Pass TSIA<br>Reading                                                                                                                                          | A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. Second semester students will survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present.                                                   |
| English III ECHS<br>Course Number: 1321EC<br>Offered in: 11<br>Credits: 1 credit<br>Prerequisites: TSIA READING<br>& WRITING OR completion of<br>"C" or better in IRW 0312 OR<br>completion of NCBW 0112 -<br>Must be completed prior to<br>taking this course. | Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Second semester students will study and practice the strategies and techniques for developing research-based expository and persuasive texts.                                                                                                    |
| Biology ECHS<br>Course Number: 3511EC<br>Offered in: 11<br>Credits: 1 credit<br>Prerequisites: TSIA Reading<br>and Writing - Must be<br>completed prior to taking this<br>course; Co-Requisite:                                                                 | This laboratory-based course accompanies BIOL 1306 Biology for Science Majors I. Laboratory activities will reinforce the fundamental principles of living organisms, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included. |

BIOL-1106 - Must be taken either prior to or at the same time as this course.

Environmental Systems ECHS  
Course Number: 3521EC  
Offered in: 11  
Credits: 1 credit  
Prerequisites: TSIA READING and WRITING - Must be completed prior to taking this course.

Principles of environmental systems and ecology, including biogeochemical cycles, energy transformations, abiotic interactions, symbiotic relationships, natural resources and their management, lifestyle analysis, evolutionary trends, hazards and risks, and approaches to ecological research.

US Government ECHS  
Course Number: 4421EC  
Offered in: 12  
Credits: 0.5 credit  
Prerequisites: TSIA READING - Must be completed prior to taking this course.

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

Texas Government ECHS  
Course Number: 4901EC  
Offered in: 12  
Credits: 0.5 credit  
Prerequisites: TSIA READING - Must be completed prior to taking this course.

Origin and development of the Texas Constitution, structure and powers of the state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

English IV Brit ECHS  
Course Number: 1431EC  
Offered in: 12  
Credits: 1 credit  
Prerequisites: TSIA ENGL-1301 - Must be completed prior to taking this course.

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

College Algebra ECHS  
Course Number: 1314EC  
Offered in: 12  
Credits: 1 credit  
Prerequisites: TSIA MATH-0322 OR meet TSI Math Requirement - Must be completed prior to taking this course.

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

Elementary Stats ECHS  
Course Number: 2412EC  
Offered in: 12  
Credits: 1 credit  
Prerequisites: Grade of C or better in MATH 0322 or TSI MATH (350) - Must be completed prior to taking this course; TSI Requirement-MATH - Must be completed prior to taking this course.

Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended.

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Economics ECHS<br/> Course Number: 4431EC<br/> Offered in: 12<br/> Credits: 0.5 credit<br/> Prerequisites: TSIA<br/> READING OR completion<br/> of "C" or better in IRW<br/> 0312 - Must be completed<br/> prior to taking this course.</p> | <p>An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.</p>                                                                                                                                                                                                                                                                                                     |
| <p>Humanities ECHS<br/> Course Number: 8001EC<br/> Offered in: 12<br/> Credits: 0.5 credit<br/> Prerequisites: TSIA<br/> READING - Must be<br/> completed prior to taking<br/> this course.</p>                                                | <p>This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create.</p>                                                                                                                                                                                                                                                                                                                                                  |
| <p>Life Growth and<br/> Development ECHS<br/> Course Number: 8003EC<br/> Offered in: 12<br/> Credits: 0.5 credit<br/> Prerequisites: TSIA<br/> READING - Must be<br/> completed prior to taking<br/> this course. ( .5 credit)</p>             | <p>Life-Span Growth and Development is a study of social, emotional, cognitive and physical factors and influences of a developing human from conception to death.</p>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>Spanish I ECHS<br/> Course Number: 2711EC<br/> Offered in:<br/> Credits: 1 credit<br/> Prerequisites: Must be an<br/> ECHS student</p>                                                                                                      | <p>The course serves as an introduction to Spanish language and culture. The students will have the opportunity to master the basic skills under the general requirements of novice Spanish. Basic listening, speaking, reading and writing will be developed throughout the year. By the end of the year, students will be able to discuss and understand conversations and passages about families, schools, likes and dislikes, and hobbies and activities.</p>                                                                                                                                  |
| <p>Spanish II ECHS<br/> Course Number: 2721EC<br/> Offered in:<br/> Credits: 1 credit<br/> Prerequisites: Must be an<br/> ECHS student. Required to<br/> score a "C" or higher in<br/> CBC Spanish I</p>                                       | <p>This course is intended for students who have successfully completed Spanish 1 or have acquired the language skills taught in Spanish 1. Students will increase their knowledge of the Spanish language with a focus on verb tenses and expand their vocabulary. By the end of this course, students will be able to discuss and understand conversations and passages regarding the house, home life, obligations, daily routines, clothing and shopping, and food and restaurants. The focus will continue to be communication skills including listening, speaking, reading, and writing.</p> |



## San Marcos High School Administrative Team

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|                       |                     |
|-----------------------|---------------------|
| Dr. Twila M. Guajardo | Principal           |
| Eileen Grose          | Associate Principal |
| Francisco B. Dionisio | Assistant Principal |
| "Blair" Hartley       | Assistant Principal |
| Arleene Hooper        | Assistant Principal |
| Kayla Kirk            | Assistant Principal |
| Joe Martinez          | Assistant Principal |
| Olivia Short          | Assistant Principal |

## San Marcos High School Counseling Team

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|                   |                 |
|-------------------|-----------------|
| Pamela Andrews    | Counselor       |
| Jan Baker         | Counselor       |
| Kristina Flores   | Counselor       |
| Kristie Jordan    | Counselor       |
| Daniel Ruelas     | Counselor       |
| Barbara Zeigler   | Counselor       |
| Nicole Collier    | SEL Counselor   |
| Katrina Cleveland | AWARE Counselor |



## San Marcos CISD Board of Trustees

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|                        |                |
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| Anne Halsey            | President      |
| Clementine Cantu       | Vice President |
| Margie T. Villalpando  | Secretary      |
| Jessica Cain           | Trustee        |
| John McGlothlin        | Trustee        |
| Miguel Arredondo       | Trustee        |
| Sandra Sepulveda Lopez | Trustee        |

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**Michael A. Cardona, Ed.D.**  
Superintendent of Schools

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## San Marcos CISD Executive Team

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|                         |                                                   |
|-------------------------|---------------------------------------------------|
| Dr. Terrence M. Sanders | Deputy Superintendent of Academics and Leadership |
| Stephanie Munoz         | Chief Human Resource Officer                      |
| Andrew Fernandez        | Chief Communications Officer                      |
| Bernie Sandoval         | Chief Operations Officer                          |
| Denise Garcia           | Chief Financial Officer                           |
| John Walsh              | Athletic Director                                 |

## San Marcos Consolidated ISD

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