MISSION STATEMENT

The mission of Pflugerville Independent School District is to provide a quality education with a commitment to excellence by facilitating learning in a safe and nurturing environment.

VALUES

We believe that…

- The community expects and supports a quality education as the key to student success.
- A strong work ethic strengthens our schools and community.
- A safe community contributes to the quality of life in Pflugerville ISD.
- All individuals have worth.
- Education is an important priority that keeps our community productive and healthy.
- Our children are afforded equitable educational opportunities to achieve their potential.

VISION

Our students are...

- Productive citizens committed to the community.
- Enthusiastic learners who practice continual self-development.
- Sensitive to others’ needs and feel safe, both physically and emotionally.
- Applying and understanding technology.
- Positive role models.
- Setting challenging personal goals to achieve their full potential.
- Effective problem solvers and decision makers who communicate clearly and work well independently and as team members.

The Pflugerville Independent School District is an equal opportunity employer and provides educational programs and services which do not discriminate on the basis of age, national origin, race, sex, color, religion, disability or against any other legally protected group. Complaints should be addressed to the Director of Policy & Administrative Procedure at 594-0000.
Cabinet Leadership Team

Dr. Doug Killian, Superintendent
Troy Galow, Ed.D., Deputy Superintendent
Susanna Russell, Ed.D., Assistant Superintendent of Secondary Education
Kettisha Jones, Assistant Superintendent of Elementary Education
Brandy Baker, Assistant Superintendent of Curriculum and Instruction
Kenneth Adix, Ph.D., Chief Financial Officer
Rhonda McWilliams, Ed.D., Chief Human Resources Officer
Steve Scheffler, Communications Officer

PfISD Board of Trustees

Vernagene Mott, President
Larry Bradley, Vice-President
Mary Kimmins, Secretary
Carol Fletcher, Ph.D.
Renae Mitchell
Robert Reyes
Tony Hanson
# Curriculum, Instruction, and Academics

## Curriculum and Instruction  512-594-0138

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<th>Name</th>
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<tr>
<td>John O’Hare, Ed.D</td>
<td>Executive Director</td>
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<td>Yolando Hoard</td>
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<tr>
<td>Deena Bosier</td>
<td>Asst. Director Athletics</td>
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<tr>
<td>Manuel Gamez</td>
<td>Director Fine Arts</td>
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## Multilingual Education  512-594-0138

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<tr>
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<tr>
<td>Shirley Bachus</td>
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<td>Holly Galloway, Ph.D</td>
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Dear Students and Parents,

In PfISD, we want you to have a comprehensive learning experience in high school that prepares you for success in all your future endeavors. This High School Course Guide will assist students and their parents in selecting courses, which will meet each student’s individual needs as well as satisfying state high school graduation requirements.

In preparation for selecting courses, each student will complete an online four-year plan that includes both graduation requirements and the selection of an area of focus, or pathway. A pathway is a career area or a special area of talent or ability. Counselors will guide you in completing this process based on your interests and talents, and will review that plan with you annually.

Please make your course selections carefully. Teacher assignments are based on student course requests, therefore consideration for schedule change requests must meet the following criteria:

- Courses needed for graduation
- Prerequisite for course not met
- Course credit previously received

The school may be required to cancel any course if there is insufficient enrollment or if certified staff is not available to teach the course.

Successful completion of the state-required curriculum will prepare you for the state assessments. In addition to the required curriculum, PfISD offers a variety of elective courses geared toward providing students with training and insight into prospective career choices. Students will have the opportunity to pursue their interests through these elective courses as they continue to meet their state-required curriculum.

The courses you select will prepare you for your bright future so please choose carefully and enjoy your high school experience!

In the best interest of children,

Douglas Killian, Ph.D.
Proud Pflugerville Superintendent of Schools

1401 Pecan Street · Pflugerville Texas 78660 · (P) 512-594-0010 (F) 512-594-0011
www.pfisd.net · superintendent@pfisd.net
Endorsement Graduation Plan Overview

This section of the Course Guide is designed to provide you with information about the new Texas Foundation Endorsement Graduation Plan which takes effect for the Class of 2018 and beyond. The purpose of the State’s change to the new graduation plan is to provide students greater flexibility and choice in the selection of courses that will best prepare them for their individual postsecondary goals. Employers and leaders in the Texas workforce have encouraged career oriented training and certification at the high school level to help meet their growing demands.

Starting in the spring of 2014, all eight-graders will be required to choose one of five endorsements as outlined in the new graduation plan. The five endorsement areas are: Science, Technology, Engineering and Mathematics (STEM); Business and Industry; Public Services; Arts and Humanities; and Multidisciplinary Studies. The earned Endorsement will be reflected on the student’s official transcript at the completion of their high school career.

How are the Endorsements organized?

As you use this guide, you will see recommended Pathways (or coherent sequences of courses) organized by career clusters within each of the Endorsements. A career cluster is a grouping of occupations and broad industries based on commonalities. These career clusters are part of the Achieve Texas College and Career Initiative that is designed to help students (and their parents) make informed education decisions. It is based on the idea that the education of the 21st century should combine rigorous academics with relevant career education. When schools integrate academic and technical education, students can see the “relevance” of what they are learning. The Pathways allow students to study a particular field in depth and help to facilitate a seamless transition from secondary to postsecondary opportunities.

Required Parent Conference:

Please join your 8th grade student and a PFISD school counselor to discuss high school course selection and your child’s individual Endorsement Graduation Plan as it relates to his/her unique interests and future career goals. This meeting benefits your child’s school success and also satisfies state law, which requires an individual meeting with each parent about the new Endorsement Graduation Plan.

- Use Course Guide to help your student select an Endorsement and Pathway
- Log on to Bridges.com to assist your student with their four year plan and course selection, here’s the basic log in information:
  1. Go to www.bridges.com
  2. In the Student Sign In section, enter your portfolio name: pisd and your Student ID# (all lowercase without any spaces).
  3. Your password is your birthdate (mmddyyyy)
  4. Click the blue arrow (Do not select create a new portfolio)
  5. Select Choices Planner from the Your Tools box
  6. Click on Course Plan Builder under Learn section
- Attend scheduled appointment with your student and PFISD counselor during course selection season

Your involvement in the process of helping your student prepare for high school is critical. We hope this Endorsement Guide will be a valuable resource in this exciting journey!
## Pflugerville Independent School District

### House Bill 5 Graduation Plans

*The Graduation Plans below reflect current State Board of Education guidance and have not been approved by the PISD Board of Trustees.

### Distinguished Level of Achievement Graduation Plan – 26 credits

Student must fulfill the Graduation requirements of at least 1 of the 5 Endorsements below and successfully complete Algebra II.

#### STEM
- 4 English – ELA I, II, III & one advanced English
- 4 Math - Algebra I, Geometry, Algebra II & one advanced math
- 4 Science - Biology, Chemistry, Physics & two advanced math

#### Business & Industry
- 4 English – ELA I, II, III & one advanced English
- 4 Math - Algebra I, Geometry & two advanced math
- 4 Science - Biology, IPC or Chemistry or Physics & two advanced science

#### Public Service
- 4 English – ELA I, II, III & one advanced English
- 4 Math - Algebra I, Geometry & two advanced math
- 4 Science - Biology, IPC or Chemistry or Physics & two advanced science

#### Arts & Humanities
- 4 English – ELA I, II, III & one advanced English
- 4 Math - Algebra I, Geometry & two advanced math
- 4 Science - Biology, IPC or Chemistry or Physics & two advanced science

#### Multidisciplinary Studies
- 4 English – ELA I, II, III & one advanced English
- 4 Math - Algebra I, Geometry & two advanced math
- 4 Science - Biology, IPC or Chemistry or Physics & two advanced science

### Foundation Graduation Plan – 22 credits*

- 4 English – ELA I - III & one advanced
- 3 Science – Business, IPC or Chemistry/Physics & one advanced
- 3 Math - Algebra I, Geometry & one advanced
- 3 Social Studies - World Geography or World History
- US History, Government (.5) & Economics (.5),

*Student can only declare Foundation Plan after sophomore year.

#### Additional Electives
- 1.5 Additional Electives

### State Assessment(s) Required for Graduation

- English I
- Biology
- English II
- US History
- Algebra I

### Performance Acknowledgements

- **Outstanding performance:**
  - Dual credit coursework;
  - Bilingualism, AP, PSAT, SAT and ACT

- **Certification:** Nationally or internationally recognized business or industry certification or license
PERFORMANCE ACKNOWLEDGEMENTS

A student may earn a performance acknowledgment(s) on the student's transcript for the following outstanding performances:

**Outstanding performance in a dual credit course**

(1) at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or

(2) an associate degree while in high school.

**Outstanding performance in bilingualism and biliteracy**

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

   (A) completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; and

   (B) satisfying one of the following:
       (i) completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
       (ii) demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
       (iii) completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
       (iv) demonstrated proficiency in one or more languages other than English through one of the following methods:
           (I) a score of 3 or higher on a College Board Advanced Placement examination for a language other than English; or
           (II) a score of 4 or higher on an International Baccalaureate examination for a higher-level languages other than English course; or
           (III) performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent.

(2) In addition to meeting the requirements of paragraph (1) of this subsection, to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have:

   (A) participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and

   (B) scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

**Outstanding performance on a College Board Advanced Placement test or International Baccalaureate examination**

(1) a score of 3 or above on a College Board Advanced Placement examination; or

(2) a score of 4 or above on an International Baccalaureate examination.
Outstanding performance on a college preparation assessment instrument

(1) earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT®) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation;

(2) achieving the college readiness benchmark score on at least two of the four subject tests on the ACT Aspire™ examination;

(3) earning scores of at least 410 on the evidence-based reading section and 520 on the mathematics section of the SAT®; or

(4) earning a composite score on the ACT® examination of 28 (excluding the writing subscore).

Earning a state-recognized or nationally or internationally recognized business or industry certification or license

(1) A student may earn a performance acknowledgment with:
   (A) performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; or
   (B) performance on an examination sufficient to obtain a government-required credential to practice a profession.

(2) Nationally or internationally recognized business or industry certification shall be defined as an industry-validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular profession or occupation that is issued by or endorsed by:
   (A) a national or international business, industry, or professional organization;
   (B) a state agency or other government entity; or
   (C) a state-based industry association.

(3) Certifications or licensures for performance acknowledgements shall:
   (A) be age appropriate for high school students;
   (B) represent a student's substantial course of study and/or end-of-program knowledge and skills;
   (C) include an industry-recognized examination or series of examinations, an industry-validated skill test, or demonstrated proficiency through documented, supervised field experience; and
   (D) represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation.
STATE OF TEXAS TESTING REQUIREMENTS

State of Texas Assessments of Academic Readiness®
Under House Bill 5 (HB 5), passed by the 83rd Texas Legislature and signed by the governor, students entering high school in the 2011-2012 school year and following years are required to pass five State of Texas Assessments of Academic Readiness (STAAR®) end-of-course exams to meet graduation requirements.

The five assessments required under HB 5 are Algebra I, English I (combined reading/writing), English II (combined reading/writing), Biology, and U.S. history. Students must pass all five of these end-of-course assessments to be eligible to graduate from a Texas public high school. Students who are not successful on their first attempt will receive accelerated instruction and will have additional opportunities each school year to demonstrate satisfactory performance on that exam to meet the state's graduation requirements.

Reading and writing were assessed separately in English I and English II through December 2013. However, HB 5 requires reading and writing be combined and given in a single day. High school students who have not successfully completed a separate reading or writing assessment as of the December 2013 test administration will take the new combined English I or English II test beginning in Spring 2014.

Beginning in the 2011–12 school year, a student in grade 8 or lower who takes a high school course for credit is required to take the applicable EOC assessment.

HB 5 eliminates the previously stated 15 percent grading requirement as well as the cumulative score component of STAAR®

Students identified with a disability or limited English proficiency and served through Special Education, Section 504 or Bilingual/ESL education may meet the state’s eligibility criteria for specially designed STAAR exams. For details please see your school counselor.

Updates to assessment are possible, and current information is available on the PFISD Accountability and Assessment web page. The PFISD board policy EKB Legal addresses testing programs, including state assessment.
Use the Five Pillars to Become College and Career Ready

**Personal Readiness:**
- Make an action plan for your future goals.
- Use Bridges to plan the courses that match your goals,
- Work hard and develop habits to succeed now and in the future.
- Develop daily routines for homework and stay organized
- Get involved in UIL and other extra-curricular activities to build social and leadership skills.
- Find supportive adults at school to help you achieve your goals.
- Never give up! There is nothing more important than character and never giving up.

**Academic Readiness:**
- Take the most challenging courses for you.
- Challenge yourself with Pre-AP/AP in your best subject areas
- Earn college credit with ACC Dual Credit, UT OnRamps, or UT PCARP programs.
- Take advantage of intervention and tutorial opportunities.

**Career Readiness:**
- Use the career tools on Bridges to find the careers that match your passions.
- Choose your CTE pathway or other pathway of study and take courses that will best prepare you for your future.
- Take a practicum course at the end of your CTE pathway and even earn a professional certificate.
- Participate in job shadow opportunities like Real World Pflugerville.

**Admission Readiness:**
- Get and keep your grade point average (GPA) and class ranking as high as possible.
- Take college readiness assessments seriously and use tools such as Khan Academy for SAT or other preparation sessions to be better prepared for SAT and ACT.
- See your counselor for free SAT/ACT prep opportunities.
- Become very familiar with your high school’s college and career center and with the transition counselor. Help is available!

**Financial Readiness:**
- Don’t let money keep you from pursuing your dreams.
- Learn about and apply for scholarships.
- PFISD seniors earn $10-20 million dollars in scholarships every year. This could be you!
- Fill out and complete your Free Application for Federal Student Aid (FAFSA) as early as possible your senior year. The application becomes available October 1st.
- Take advantage of our FAFSA completion events where free professional help is available.
BRIDGES: GUIDANCE CENTRAL
A COLLEGE AND CAREER READINESS TOOL

What is four-year planning and how can I get involved?

Four-year planning means planning out courses to take in order to (a) complete high school graduation requirements (b) gain perspective on post-secondary opportunities. The benefits to four-year-planning are limitless, but include awareness of your progress regarding general requirements and gaining a sense of direction.

There are two things your student should keep in mind when considering four-year planning. First, with enough advanced planning, students will be able to fit in all of the requirements they need to graduate in four years. Second, four-year planning should be thought of as an ongoing process. It is normal for a student to change their plan as new opportunities develop or roadblocks arise. Four-year planning is extremely helpful in putting high school life in perspective, looking at the future and realizing that there is life after high school.

All PFISD high school students will create a four-year plan with counselors and will monitor and adjust their plan annually using Bridges – Guidance Central. As a part of four-year planning, this tool will be used to help students choose classes for the upcoming school year.

Students and Parents will have the opportunity to make changes on Bridges until the end of the first semester. Students and parents will also have an opportunity to make changes to course selections in the month of February following parent night at each of the high schools.

What Can You Find in Bridges?

Work
- Explore almost 700 careers in the Career Clusters.
- Use the Career Finder to narrow down hundreds of careers to those matching characteristics you want.
- Compare Careers to one another to find out which one appeals to you the most
- Connect Yourself to Careers by taking assessments that will help you find the right career for you.
- Create career and education plans quickly and easily using the Career Plan Builder.

Learn
- Create a four-year high school course plan in the Course Plan Builder.
- Check out the interest-based clusters on the Learn Page to explore the numerous courses available.
- Search for schools by tuition range, location, programs and other factors using the School Finder.
- Compare Schools side by side to see what each has to offer that would best suit your preferences.
- Take charge of your life – start your High School Planning or College Planning now.

Your Portfolio
- Save Your Plans and information All About You, such as your skills, interests, resumes and courses you’ve taken.
- Check out Your Activities to see which assignments and tasks you’ve completed and what’s left to do.
- Record your ideas and questions in Your Journal as you figure out what to do after high school.

This tool is available at home as well as at school. To assist in planning, middle and high school students and parents can access Bridges, at

www.bridges.com

Sign In To Bridges - Student Access
1. Go to www.bridges.com
2. In the Student Sign In section, enter your portfolio name: pisd and your Student ID# (all lowercase without any spaces).
3. Your password is your birthdate (mmddyyyy)
4. Click the blue arrow (Do not select create a new portfolio)
5. Select Choices Planner from the Your Tools box
COURSE PLANNING: FREQUENTLY ASKED QUESTIONS (FAQs)

How many credits should my student have per year?
Students need to have 8 credits per year on their four-year plan. If a student is taking Marching Band or Cheerleading, students need 8.5 credits per year. If your student is enrolled in Swimming or any other full-year —0-hour (English IV etc.) class they will need 9 credits per year.

What if we can’t find a course: If you can’t find a class under a subject heading look under Electives or another area where the course may count for credit. Off-periods, ACC, and Student Aide are in Electives.

Should my student choose extra (alternate) courses?
Just in case a class does not —make or have enough student interest, each student should have 2-3 alternate courses on their four-year plan for the upcoming year. An alternate course can only be selected if there is already a course in that subject area.

Which classes are going to meet every day (Double Blocks)?
Athletics (Posts as 2 courses)
- Baseball
- Basketball (Boys & Girls)
- Football
- Soccer (Boys & Girls)
- Softball
- Tennis
- Volleyball

Fine Arts (Students MUST sign up for both classes listed below)
- Band I-IV with Instrumental Ensemble Band I-IV
- Drill Team I-IV with Dance Performance Ensemble I-IV
- Orchestra III-IV with Instrumental Ensemble Orchestra III-IV

What sequence of Math Classes should my student take?
Algebra—Geometry—Algebra II—Advanced Math (AQR, Statistics, College Prep Math, Pre-Calculus, AP Statistics, or AP Calculus (if pre-requisite of Pre-Calculus has been fulfilled))
OR
Algebra—Geometry—MATH MODELS—Algebra II

Students who are currently enrolled in Algebra I will have to change their ENTIRE sequence of math classes as bridges pre-populates Algebra in the freshman year. Those students will start with either Geometry or Geometry Pre-AP their freshman year.

What sequence of Science Classes should my student take?
Biology—Chemistry—Physics—ANY fourth year science (AP recommended)
OR
IPC—Biology—Chemistry—Physics

How many sports can my student play?
Students may only choose ONE sport in which to enroll. This does NOT mean they can only play one sport. Please encourage the student to enroll in the sport that meets first in the school year. For instance, Football and Baseball have the student enroll in Football because it is in the fall and Baseball is in the Spring. Remind students that Athletics is highly competitive and that swimming; for example, is not learning how to swim. Students must have a physical in order to compete.

My student is in Band and needs to enroll in Marching Band, where can I find that class?
Students enrolling in Marching Band as Freshman and Sophomores will find the correct Marching Band course under PE. These students will receive the one credit of PE they need in order to graduate. Junior and Senior year the credit is under Fine Arts and says Marching Band—NO CREDIT.
What Activities require tryouts?
Athletics, Drill Team, Band, and Cheerleading all require Tryouts. Please remind students that if they are currently enrolled in Band, tryouts for high school band will take place in the spring. The band director will then place students in the correct band. Drill Team and Cheerleading also hold tryouts in the Spring. Enrolling in the course now DOES NOT guarantee that the student will make the squad. The students need to listen for announcements on dates and times for tryouts. Athletics will hold tryouts beginning in August for Volleyball and Football. Because tryouts for these two sports begin before school starts, it is important that you check with the high school coach for dates and times of tryouts.

Can my child participate in multiple student activities?
Students often ask if they can be in Football and Band or Drill Team and Volleyball (or other combinations). The 4-yr planning process will show them how challenging scheduling can be. Many of these students will need to plan on summer school and/or ACC courses. If students enroll in two Double blocked activities (see previous sheet), this will take up four courses a year, allowing for only the 4 core classes each year. This will not leave room for foreign language credits, speech/health, and other graduation requirements. Planning ahead will be a MUST for these students.

Can my student take multiple languages other than English?
Students often ask if they can take multiple foreign languages. The answer of course is Yes. But, taking multiple years of the SAME foreign language is just as, if not more beneficial to the students. For example, taking four years of Spanish or Latin will allow the student to take the AP exam and possibly earn College Credit. Remember that students need at least two years of the same language other than English in order to graduate.

OPTIONS FOR EARNING HIGH SCHOOL AND COLLEGE CREDIT

Students have multiple opportunities to earn college credit while in high school.

Austin Community College
For PFISD students to receive college credit from an institution of higher education, Pflugerville ISD must recognize the institution with a formal agreement. At this time, an agreement is in place with Austin Community College (ACC). Students must be eligible for enrollment and may begin course work the summer after their sophomore year.

- Dual Credit – Dual credit courses are college level courses that students can take for both high school graduation credit and college credit. Courses accepted for dual credit cover the TEKS for the high school course and meet college guidelines. A list of approved dual credit courses can be found in each content area and a complete list is found on the next page.

- Concurrent Enrollment – Concurrent enrollment courses are college courses students can take while enrolled in high school that do not award high school credit.

- Articulated –Technical Preparation courses are higher-level academic Career and Technology Education (CTE) courses. A list of articulated courses will be provided to the school counselors upon approval from ACC.

University of Texas at Austin
PFISD has two agreements with the University of Texas at Austin through their OnRamps and Pre-College Academics Readiness Programs. These programs provide additional dual enrollment opportunities for students. More information about these courses can be found in the specific content area sections of this course guide.
## PFISD APPROVED ACC DUAL CREDIT COURSES

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<tr>
<th>ACC Course Number</th>
<th>ACC Course Title</th>
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<td>DC-AC Circuits</td>
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Austin Community College Course Catalog can be found at: http://www.austincc.edu/catalog
Pflugerville Career and Technical Education (CTE) ACC Articulated Courses

All articulations for the 2018-2019 school year will be reviewed for continuation and/or new courses added. Articulation agreements are with Austin Community College. Students must register in the CATEMA System with ACC while enrolled in the articulated course(s) for receipt of course credit upon completing a college level course. More information will be provided once a thorough list of articulated courses is established by ACC.

ADVANCED ACADEMICS

Advanced Placement (AP) Courses
Student enrolled in AP courses are expected to take the associated AP exam. Students who are not enrolled in an AP course but have expertise and have engaged in additional learning may elect to take an AP exam by registering through his/her counselor.

AP exam scores of three or more count as DAP advanced measures, Performance Acknowledgements, and may earn college credit at many universities. Specific university policies are on the AP Credit Policy Info page at www.collegeboard.com.

Pre-Advanced Placement (Pre-AP) Courses
Pre-AP courses include specific content and activities designed to prepare students for both STAAR and success in college-level Advanced Placement courses. Depth of material requires students to read and write extensively in and out of class. These courses do not offer college credit, but prepare students for the challenge of AP courses.

Who Should Take AP and Pre-AP Classes?
Before enrolling in Pre-AP and AP courses, students should consider:
1. Interest in intense exploration of the course material.
2. Strong personal commitment to accomplishing objectives and requirements of course.
3. Strong academic history as demonstrated by STAAR scores and grades above 85%.
4. Ability to dedicate appropriate time.
5. Willingness to stretch academically.
6. Willingness to work hard.

Should Students Take All Pre-AP or AP Classes?
Students are encouraged to challenge themselves but also to find a balance among advanced courses, extra-curricular activities, and outside activities. Students should select Pre-AP/AP courses in their area(s) of strength. The decision about the number of Pre-AP/AP classes should be an individual decision based on the schedule, out of school commitments, and interest of each student.
ACCESS TO ADVANCED ACADEMIC COURSES FOR STUDENTS RECEIVING SPECIAL EDUCATION OR SECTION 504 SERVICES

Pflugerville Independent School District encourages all students to pursue educational opportunities to meet their future goals. The following guidelines are intended to apply to eligible special education and Section 504 students who enroll in Pre-Advanced Placement (Pre-AP) or Advanced Placement (AP) courses.

Pre-AP and AP courses are open to any student wishing to enroll who meet admission requirements. Guidelines for admission are:

- Completion of all prerequisite courses as listed in course guides
- Intense interest in the course
- Strong commitment by student to complete all requirements of the course
- Reasonable set of learning skills related to the subject

For students who receive services through Special Education or Section 504, careful consideration must be made by all student support systems to ensure appropriate placement and accommodations. IEP/Section 504 Committees, students, counselors, and parents should be aware that these are high-level academic courses, with increased rigor and additional standards than traditional high school courses.

If the student is eligible for an accommodation in a general education classroom, this accommodation may also be available in a Pre-AP or AP class. *Accommodations shall not be implemented if they alter the content or standards of the course.* The following guidelines shall be applicable to all special education and Section 504 students who enroll in a Pre-AP/AP course:

1) Special education and/or Section 504 students shall have equal opportunity to participate in Pre-AP or AP courses upon meeting admission requirements.

2) Access to a Free Appropriate Public Education (FAPE) does not include access to gifted, enriched, or advanced programs. Regular education programs meet the requirements of FAPE.

3) While IEP/Section 504 committees may wish to consider Pre-AP or AP courses for students who will be attending college, these committees are not required to place students in Pre-AP or AP classes unless they can reasonably expect the student to be successful in the course with the allowable accommodations described in the guidelines below. Special Education students may have these courses considered as part of their transition plan, as appropriate.

4) Accommodations for special education and Section 504 students may not alter the content or academic standards of the Pre-AP or AP course. Thus, certain allowable accommodations, based on the student’s disability and determined by the IEP/504 committee, must be provided in Pre-AP/AP classes with the same frequency and rigor as general education, and may include, but are not necessarily limited to, the following:

- Extended time for testing
- Preferential seating
- Reading assistance
- Opportunity to repeat or explain instructions
- Assignment notebook
- Minimal distractions
- Large print, Braille/peer to read aloud
- Behavior intervention plan
- Assistive technology as defined by the committee
- Altered format of exams, such as highlighted instructions or alternative spacing of questions
- Altered assignments as needed for person with motoric [which may include students identified with dysgraphia under Section 504] or visual impairment
- Note taking assistance
- Recorded lectures
- Use of calculator
• Electronic texts
• Frequent monitoring of assignments/grades

5) The following are examples of accommodations which would alter the content or standards of the course and, therefore, are not allowed:
• Special projects in lieu of assignments
• Exams of reduced length
• Open book exams
• Reduced mastery
• Any reduction of content or standards of the course

6) It is important to note that accommodations on College Board exams are subject to approval by the College Board (similar to SAT and ACT). Appropriate requests for accommodations must be submitted for approval well in advance of the testing period.

While the decision to enroll in a Pre-AP or AP class is ultimately to be made by the parent or student, the IEP or Section 504 Committee may meet and recommend removal of the student from the Pre-AP/AP classroom if the student is not meeting the standards applicable to students in the program and, as a result, is failing or at risk of failing.
ADDITIONAL OPTIONS FOR EARNING HIGH SCHOOL CREDIT

Correspondence Courses
Students may earn a maximum of two credits required by the state toward graduation through correspondence courses. Prior approval of an administrator must be obtained for enrollment. Students may be enrolled in only one correspondence course at a time. Fees for such courses are paid by the student or parent.

Credit by Examination (CBE) for Acceleration
Students may take exams for courses in which no prior instruction has been received. Many high school CBEs are given in two parts: semester A and semester B. In order to receive credit for the course, the student must receive an 80% or better for each semester in order to earn full 1.0 credit. If a grade of 80% or above is achieved, the numerical grade will be posted to the student’s transcript and will not be included in GPA. A student can only attempt a CBE for acceleration for a particular grade level or course two times and may not retest for acceleration for that grade/course again.

LOTE students who are heritage speakers (and have not had documented instruction) may take a CBE for acceleration to be placed into a higher level course. Students may earn credit for Levels I – III through CBE for acceleration.

District-sponsored examinations are administered by the campus during four windows of each academic year. Students should contact their counselor for registration information and testing dates.

Credit by Examination (CBE) with Prior Instruction
Students who have received prior formal instruction in a subject area may take credit by examination for credit recovery or validation of credit to demonstrate proficiency of the subject matter. Students wishing to recover or validate credits (9-12) can arrange with their counselor to take the assessment. This procedure also applies for students transferring from home schooling and students transferring from unaccredited private schools.

Credit Recovery
Through computer-assisted instruction, students may gain credit for courses failed. Credit recovery is available during the school day, as well as after or before school. Not all courses are eligible for recovery. Students should contact their school counselor for information.

Off-Campus Physical Education
Students interested in Off Campus P.E. should see their counselor to receive an application and for any questions or concerns. Approval of the campus principal and district designee is required. The program must meet District requirements to provide special and/or accelerated activities not offered by the District’s physical education program. All applications must be submitted by June 1st. For more information, please visit your school counselor or access the OCPE Handbook.

Texas Virtual Schools Network
Students may have the option of completing courses via the Texas Virtual Schools Network. Prior to enrolling, students must be advised by their counselor who will determine eligibility and review procedures and potential costs with students and parents.
COURSE DESCRIPTIONS

An important part of building your road map to success is choosing courses offered in grades eight through twelve. In the following sections you will find a brief description of every course offered for high school credit, as well as grade level recommendations and any suggested prerequisite courses. Descriptions are divided by each of the content areas. It is important that you read descriptions carefully and choose your elective courses based on your areas of academic/athletic/performance interest. Look for the following abbreviations throughout the descriptions of courses.

AP- AP courses are approved by the CollegeBoard® and are designed to provide high school students college level studies using college level materials and strategies. The course content requires students to read and write extensively in and out of class, as well as develop advanced reasoning and problem-solving skills. Support systems are offered to assist students. Advanced Placement courses prepare students to be successful on the CollegeBoard® AP exams administered annually in May by which students may earn college credit. AP syllabi are approved by the CollegeBoard® as meeting a national, college level standard. Pre-AP courses prepare students toward AP level work.

Articulated- Technical Preparation courses are higher-level academic Career and Technology Education (CTE) courses.

Dual Credit- Dual credit courses are college level courses that students can take for both high school graduation credit and college credit. Courses accepted for dual credit cover the TEKS for the high school course and meet college guidelines.

English as a Second Language- English as a Second Language (ESOL) students are served in sheltered instruction in grades 9 and 10 as needed. Newcomers and beginning learners from all PFISD high schools are served at Connally High School in the Newcomer Program which provides a high level of support. After one year of intense instruction, students return to their home campus where they are served by specially trained teachers.

Gifted and Talented- In Pflugerville ISD, the needs of Gifted and Talented (GT) students are met in several ways. In the four core subject areas – language arts, mathematics, science and social studies-identified gifted students may choose to participate in Pre-Advanced Placement and Advanced Placement courses with gifted instruction being provided by teachers trained in both gifted education and Advanced Placement methodologies. Gifted students may also choose to participate in UIL academic events, which offer students an opportunity to deepen their knowledge in core subject areas as well as areas of special interest. Although not formally identified, students gifted in athletics, dance, art, graphics, computers, music, drama, speech and leadership may choose to participate in any of the District’s outstanding elective programs. It is strongly recommended that gifted students participate in the Distinguished Achievement Program (DAP) or Distinguished Level of Achievement Program as well as the AP Capstone Diploma Program.

Pre-AP- Pre-AP courses include specific content and activities designed to prepare students for both STAAR and success in college-level Advanced Placement courses. Depth of material requires students to read and write extensively in and out of class.

Special Education- Students with identified special needs will be provided appropriate modifications and accommodations in general education classes as specified in their Individual Education Plan (IEP). Students should always be served in the regular classroom unless prohibited by a significant handicap. Should students need modification of the state standards, they may be served in specialized classes according to their Individual Education Plan (IEP). These courses are listed in this course book.

**Please note that not all courses are offered on all HS campuses**
**SCHEDULE CHANGES**

One of the most important decisions facing our students is selecting courses within the high school curriculum to provide a foundation for college and career readiness after graduation. Students select courses for the next school year before the Spring Break by utilizing the Bridges.com tool with counselors on their campuses. Careful planning and discussions with parents are guardians are an important part of the scheduling process, and we encourage families to login at home to review four-year planning choices. We hope you make course selections for the next school year carefully. Students who register for a course are committed to that course. Class creation and teacher assignments are based on student course requests, therefore we can only honor schedule change requests that meet certain criteria. Importantly, course changes will be made only if educational need is demonstrated and space is available in the subsequent course.

Specifically, schedule corrections will be considered the first two days of school for the following reasons only:

- 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 (i.e. through summer school, TXVSN, CBE)
- A data-entry error made by the school (i.e. two first period classes, or a schedule that does not have the full number of classes)
- Student has previously failed this course with the same teacher

For a semester or a year-long course, **a student may not withdraw after the fourth week of the course.**

However, to meet individual student needs, the principal may use his or her discretion to approve a course change.

A student who withdraws from a course will have the grade in that course applied to the new course. It is highly recommended that the replacement course be in the same discipline. A student who changes courses assumes responsibility for the full content of the new course on the final exam.

Students who enroll in a Pre-AP or AP course commit to completing the course. Due to the rigorous nature, students should remain in the chosen course the first four weeks of school in order to acclimate to the expectations and provide adequate time for both the teacher and students to gauge the appropriateness of the course selection. Schedule changes will not occur until after the fourth week and no later than the fifth week of the semester.

To initiate a change out of a Pre-AP or AP class, a conference must occur between the student, parent/guardian, teacher and principal or designee to determine educational need. Should educational need not be determined the student will be required to complete the course selected. If the course is changed, the student’s grade (without weighting) will transfer to the new class. Procedures for exiting a Pre-AP or AP class are outlined in the *Instructional, Grading, and Reporting Guidelines Handbook.*
ENGLISH

ENGLISH I  
Course# 1111  Credit: 1  Grade: 9-12  PEIMS# 3220100
Prerequisite: None

English I students increase and refine their communication and literary skills by engaging in meaningful activities in five key areas. Reading: Students read a wide variety of literary and informative texts. Writing: Students compose a variety of well-organized and detailed texts. Listening and Speaking: Students listen to others and contribute their own ideas in groups. Oral and Written Conventions: Students learn and apply the standards of English in speaking and writing.

ENGLISH I PRE-AP  
Course# 1112  Credit: 1  Grade: 9-12  PEIMS# 3220100
Prerequisite: High academic interest and a strong work ethic in English/Language Arts

English I Pre-AP is a rigorous course recommended for students who achieve college ready or commended scores on TAKS and have a love of reading and writing. It serves as the foundation for the Advanced Placement language and literature courses. Students will experience the elements of English I with an emphasis on developing critical thinking and analysis of the style of selected authors and works through required reading, discussions, essays and exams. This course includes a summer reading component.

ENGLISH II  
Course# 1121  Credit: 1  Grade: 10-12  PEIMS# 3220200
Prerequisite: English I

English II students continue to increase and refine their communication and literary skills by engaging in meaningful activities in five key areas. Reading: Students read a wide variety of literary and informative texts. Writing: Students compose a variety of well-organized and detailed texts. Listening and Speaking: Students listen to others and contribute their own ideas in groups. Oral and Written Conventions: Students learn and apply the standards of English in speaking and writing.

ENGLISH II PRE-AP  
Course# 1122  Credit: 1  Grade: 10-12  PEIMS# 3220200
Prerequisite: High academic interest in English/Language Arts, Pre-AP English I or English I and a strong work ethic.

English II Pre-AP is a rigorous course recommended for students who achieve college ready or commended scores on TAKS and have a love of reading and writing. It serves as the foundation for the Advanced Placement language and literature courses. Students will experience the elements of English II with an emphasis on developing critical thinking and analysis of the style of selected authors and works through required reading, discussions, essays and exams. This course includes a summer reading component.

ENGLISH III  
Course# 1131  Credit: 1  Grade: 11-12  PEIMS# 03220300
Prerequisite: English II

English III students continue to increase and refine their communication and literary skills by engaging in meaningful activities in five key areas. Reading: Students read a wide variety of literary and informative texts. Writing: Students compose a variety of well-organized and detailed texts. Listening and Speaking: Students listen to others and contribute their own ideas in groups. Oral and Written Conventions: Students learn and apply the standards of English in speaking and writing.

ENGLISH III ACC  
Course# 1596  Credit: 1 (Dual) Grade: 11-12  PEIMS# 03220300
Prerequisite: English II

This is a dual credit course for college and high school credit from ACC Early College Start Program. Students must meet the college readiness standards and must follow enrollment procedures at ACC. See your counselor for more details. By selecting this course on Bridges you are making a commitment to block ACC US History and take during the regular school day.
ONRAMPS ENGLISH III  Course# 1137  Credit: 1 (Dual) Grade: 11-12  PEIMS# 03220300
Prerequisite: English II
This course is a dual enrollment course with the University of Texas at Austin. Reading and Writing the Rhetoric of American Identity challenges students to develop and deepen their skills by reading, analyzing, and composing arguments. The recursive practices of invention, drafting, revising, editing, and proofreading are fundamental to the curriculum. The ELA course adheres to the English Language Arts Standards outlined in the Texas College and Career Readiness Standards as it moves students into university-level work.

ENGLISH III AP  Course# 1132  Credit: 1  Grade: 11-12  PEIMS# A3220100
Prerequisite: High academic interest in English/Language Arts, Pre-AP English II or English II and a strong work ethic.
This college level course covers the TEKS for English III and prepares students to take the AP Language and Composition exam for possible college credit. Critical thinking skills are developed through the reading and critical analysis of literature and language, and through required reading, discussions, essays and exams. Students study literary works from various fields and periods primarily in contemporary American literature. This course includes a summer reading component and two Saturday sessions.

ENGLISH IV  Course# 1141  Credit: 1  Grade: 12  PEIMS# 3220400
Prerequisite: English III
English IV students continue to increase and refine their communication and literary skills by engaging in meaningful activities in five key areas. Reading: Students read a wide variety of literary and informative texts. Writing: Students compose a variety of well-organized and detailed texts. Listening and Speaking: Students listen to others and contribute their own ideas in groups. Oral and Written Conventions: Students learn and apply the standards of English in speaking and writing.

ENGLISH IV ACC  Course# 1597  Credit: 1 (Dual) Grade: 12  PEIMS# 03220400
Prerequisite: English III
This is a dual credit course for college and high school credit from ACC Early College Start Program. Students must meet the college readiness standards and must follow enrollment procedures at ACC. See your counselor for more details. By selecting this course on Bridges you are making a commitment to block ACC Government and Economics and take during the regular school day.

ENGLISH IV AP  Course# 1142  Credit: 1  Grade: 12  PEIMS# A3220200
Prerequisite: High academic interest in English/Language Arts, Pre-AP English III or English III and a strong work ethic.
This college level course prepares students to take the AP Literature and Composition exam for possible college credit. Critical thinking skills are developed through the reading and analysis of literature including discussions, open ended responses, essays, and exams. Students analyze literary works in relation to the contemporary experience and the times in which they were written. This course includes a summer reading component and two Saturday sessions.

HUMANITIES  Course# 1208  Credit: 1  Grade: 12  PEIMS# 03221600
Prerequisite: English III
Humanities is an interdisciplinary course in which students recognize writing as an art form. Students read widely to understand how various authors craft compositions for various aesthetic purposes. This course includes the study of major historical and cultural movements and their relationship to literature and the other fine arts. Humanities is a rigorous course of study in which high school students respond to aesthetic elements in texts and other art forms through outlets such as discussions, journals, oral interpretations, and dramatizations. Students read widely to understand the commonalities that literature shares with the fine arts. In addition, students use written composition to show an in-depth understanding of creative achievements in the arts and literature and how these various art forms are a reflection of history. All students are expected to participate in classroom discussions and presentations that lead to an understanding, appreciation, and enjoyment of critical, creative achievements throughout history. Understanding is demonstrated through a variety of media.
The following courses require ARD and LPA and are only available for students who do not meet college readiness benchmarks for Reading on EOC, PSAT and/or SAT and are eligible to take this course.

**ENGLISH COURSES FOR SPECIAL PROGRAMS**

The following courses require ARD and LPAC committee approval and are only available for students with either limited English proficiency or who receive Special Education services.

**ESOL**

**ESOL I**
Course# 1011 Credit: 1 Grade: 9-12 PEIMS# 3200600
Prerequisite: Student has received a score of Beginning or Intermediate on TELPAS composite for previous spring or student has not taken TELPAS because they have just arrived from another country.

ESOL I covers all the TEKS for English I and ESOL while providing linguistically accommodated instruction to assist the students in mastering the objectives. It is designed for beginning and intermediate ESOL students and is paired with ESOL Reading I TEKS to provide students with daily practice reading and writing in English. This course meets the state requirement for English I. Note: Some colleges may not accept this course as a college prep English unit.

**ESOL I - NEWCOMER**
Course# 1010 Credit: 1 Grade: 9-12 PEIMS# 3200600
Prerequisite: Student received a score of Beginning or Intermediate on TELPAS composite for previous spring or student has not taken TELPAS because they have just arrived from another country.

ESOL I NEWCOMER covers all the TEKS for English I and ESOL while providing linguistically accommodated instruction to assist the students in mastering the objectives. It is designed for new immigrants who have little or no English background and is paired with ESOL Reading I NEWCOMER TEKS to provide students with daily practice reading and writing in English. This course meets the state requirement for English I. Note: Some colleges may not accept this course as a college prep English unit.

**ESOL II**
Course# 1021 Credit: 1 Grade: 9-12 PEIMS# 3200700
Prerequisite: Student has received a score of Beginning or Intermediate on TELPAS composite for previous spring or student has not taken TELPAS because they have just arrived from another country.

ESOL II covers all the TEKS for English II while providing linguistically accommodated instruction to assist the students in mastering the objectives. It is designed for beginning and intermediate ESOL students and is paired with ESOL Reading II to provide students with daily practice reading and writing in English. This course meets the state requirement for English II. Note: Some colleges may not accept this course as a college prep English unit.

**Modified**

Modified English and English Survey courses provide TEKS based English instruction modified to meet the individual learning requirements of students. The course will focus on improving the student's command of writing, reading, vocabulary, comprehension and study skills necessary for academic reading. Students will read and respond to multiple genres of world literature.

**ENGLISH I**
Prerequisite: ARD approval
Course# 1115 Credit: 1 Grade: 9-12 PEIMS# 03220100

**ENGLISH II**
Prerequisite: ARD approval
Course# 1125 Credit: 1 Grade: 10-12 PEIMS# 03220200
Alternate English courses and Communication Skills courses provide instruction modified to meet individual student needs in the areas of reading, writing, speaking and listening.

ENGLISH I  
Course# 1116  
Credit: 1  
Grade: 9-12  
PEIMS#: 03220100

ENGLISH II  
Course# 1126  
Credit: 1  
Grade: 9-12  
PEIMS#: 03220200

ENGLISH III  
Course# 1136  
Credit: 1  
Grade: 9-12  
PEIMS#: 03220300

ENGLISH IV  
Course# 1146  
Credit: 1  
Grade: 9-12  
PEIMS#: 03220400

COMMUNICATION SKILLS 4  
Course# 1924  
Credit: 1  
Grade: 9-12  
PEIMS#: 8COMMSK4

COMMUNICATION SKILLS 5  
Course # 1925  
Credit: 1  
Grade: 9-12  
PEIMS#: 8COMMSK5

COMMUNICATION SKILLS 6  
Course# 1926  
Credit: 1  
Grade: 9-12  
PEIMS#: 8COMMSK6

ELECTIVES IN ENGLISH

Writing

PRACTICAL WRITING  
(SEM)  
Course# 1202  
Credit: 0.5  
Grade: 9-12  
PEIMS#: 3221300

PRACTICAL WRITING  
(YR)  
Course# 1203  
Credit: 1  
Grade: 9-12  
PEIMS#: 3221300

Prerequisite: None
This course is designed to facilitate the development of skills necessary for composing business letters, inquiries and requests, authentic persuasive proposals, job applications, order forms and notes. In this course, students will rely on the conventions and mechanics of English and apply the rules of usage and grammar to communicate effectively in these forms. Students will understand and apply the recursive writing process when they compose.

CREATIVE WRITING  
Course# 1204  
Credit: 1  
Grade: 9-12  
PEIMS#: 3221200

Prerequisite: Approval of instructor (necessary for grades 9-10)
Students will demonstrate their skill in numerous forms including essay, short stories, poetry and drama. All students will further apply the recursive nature of the writing process and learn to more effectively evaluate their writing and the writings of others. Students will discuss published and unpublished pieces of work, develop criteria for effective
writing and set goals as writers. This course also produces the school's literary magazine. This course does NOT replace any required English course; however, it is a state approved course and may be counted as an elective credit.

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<td><strong>Prerequisite: English II</strong></td>
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<td>First semester of this course examines gothic and horror literature over the last 250 years. The purpose will be to understand the generic structures of horror and their evolution with cultural changes. Second semester the emphasis will be on the differences between comedy and satire, their methods and their purposes. This course is state elective credit.</td>
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<td><strong>Prerequisite: None</strong></td>
<td>1301</td>
<td>1</td>
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<td>Students are expected to plan, draft and complete written compositions on a regular basis carefully examining for clarity, engaging language, audience, purpose and correct use of the conventions of language. They will write in a variety of forms and will become analytical consumers of media and technology. They will learn journalistic traditions and the principles of publishing. Students will have the opportunity to work on the school newspaper or yearbook via required assignments for publication in order to apply the skills necessary to publish and to effectively communicate.</td>
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<td><strong>Prerequisite: Approval of instructor (necessary for grades 9-10)</strong></td>
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<td>Students will demonstrate their skill in numerous forms including essay, short stories, poetry and drama. All students will further apply the recursive nature of the writing process and learn to more effectively evaluate their writing and the writings of others. Students will discuss published and unpublished pieces of work, develop criteria for effective writing and set goals as writers. This course also produces the school’s literary magazine. This course does NOT replace any required English course; however, it is a state approved course and may be counted as an elective credit.</td>
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<td><strong>Prerequisite: It is recommended that students take Journalism I prior to this course due to the amount of writing.</strong></td>
<td>1304</td>
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<td>9-12</td>
<td>3230800</td>
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<td>Students plan, interpret and critique visual representation, carefully examining a product for publication. In addition, students will study the laws and ethical considerations that impact photography. Technology, visual and electronic media are used as tools for learning as students create, clarify, critique and produce effective representations for a journalistic publication. Students must have a 35mm or digital camera for coursework.</td>
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<tr>
<th>ADV BROADCAST JOURNALISM I</th>
<th>Course#</th>
<th>Credit</th>
<th>Grade:</th>
<th>PEIMS#</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite: Communication Applications or Professional Communications; Journalism (for students pursuing the Advanced Broadcast Journalism pathway)</strong></td>
<td>1341</td>
<td>1</td>
<td>10-12</td>
<td>3231900</td>
</tr>
<tr>
<td>Students develop and deliver broadcasts using the school closed circuit system and will use a variety of media including television, radio, film, and other visual images and auditory messages. This course is the second level course for the Advanced Broadcast Journalism pathway. [PHS]</td>
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</table>

<table>
<thead>
<tr>
<th>ADV BROADCAST JOURNALISM II</th>
<th>Course#</th>
<th>Credit</th>
<th>Grade:</th>
<th>PEIMS#</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite: Advanced Broadcast Journalism I</strong></td>
<td>1342</td>
<td>1</td>
<td>10-12</td>
<td>03231901</td>
</tr>
<tr>
<td>Students develop and deliver broadcasts using the school closed circuit system and will use a variety of media including television, radio, film, and other visual images and auditory messages. This course is the third level course for the Advanced Broadcast Journalism pathway. [PHS]</td>
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</table>

<table>
<thead>
<tr>
<th>ADV BROADCAST JOURNALISM III</th>
<th>Course#</th>
<th>Credit</th>
<th>Grade:</th>
<th>PEIMS#</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite: Advanced Broadcast Journalism II</strong></td>
<td>1343</td>
<td>1</td>
<td>10-12</td>
<td>03231901</td>
</tr>
<tr>
<td>Students develop and deliver broadcasts using the school closed circuit system and will use a variety of media including television, radio, film, and other visual images and auditory messages. This course is the fourth level course for the Advanced Broadcast Journalism pathway. [PHS]</td>
<td></td>
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</tbody>
</table>
NEWSPAPER I
Course# 1321  Credit: 1  Grade: 9-12  PEIMS# 3230140
Prerequisite: Journalism I
Students use a variety of computer technology and equipment for newspaper publication. Scanning and storage devices will be used. Students will become proficient at various desktop publishing software systems. An overview of ethics and laws relating to computer-generated products will also be presented.

NEWSPAPER II
Course# 1322  Credit: 1  Grade: 10-12  PEIMS# 3230150
Prerequisite: Prior enrollment in high school newspaper course.

NEWSPAPER III
Course# 1323  Credit: 1  Grade: 11-12  PEIMS# 3230160
Prerequisite: Prior enrollment in high school newspaper course.
Students plan, draft and complete written compositions on a regular basis, carefully examining for clarity, engaging language, audience, purpose and correct use of the conventions of language. They will write in a variety of forms and will become analytical consumers and users of media and technology. They will apply journalistic traditions and the principles of publishing. Advanced Journalism students will receive story and design assignments and deadlines and will sell advertising, which all must be met in order to receive course credit. In addition, some summer and weekend workshops are required. This course requires extensive outside school hours.

YEARBOOK I
Course# 1311  Credit: 1  Grade: 9-12  PEIMS# 3230110
Prerequisite: Journalism I
Students use a variety of computer technology and equipment for yearbook publication. Scanning and storage devices will be used. Students will become proficient at various desktop publishing software systems. An overview of ethics and laws relating to computer-generated products will also be presented.

YEARBOOK II
Course# 1312  Credit: 1  Grade: 10-12  PEIMS# 3230120
Prerequisite: Prior enrollment in high school yearbook course.

YEARBOOK III
Course# 1313  Credit: 1  Grade: 11-12  PEIMS# 3230130
Prerequisite: Prior enrollment in high school yearbook course.
Students are expected to plan, draft and complete written compositions on a regular basis carefully examining for clarity, engaging language, audience, purpose and correct use of the conventions of language. They will write in a variety of forms and will become analytical consumers and users of media and technology. They will apply journalistic traditions and the principles of publishing. Advanced Journalism students will receive specific page assignments and deadlines which must be met in order to receive course credit. In addition, some summer and weekend workshops are required. This course requires extensive outside school hours.

IND. STUDY JOURNALISM I
Course# 1351  Credit: 0.5  Grade: 10-12  PEIMS# 3231000
Prerequisite: None

IND. STUDY JOURNAL II
Course# 1352  Credit: 0.5  Grade: 11-12  PEIMS# 3231011
Prerequisite: Ind. Study in Journal I

IND. STUDY JOURNAL III
Course# 1353  Credit: 0.5  Grade: 12  PEIMS# 3231022
Prerequisite: Ind. Study in Journal II
Students plan, draft and complete written communications on a regular basis, carefully examining their copy for clarity, engaging language and using the conventions and mechanics of written English correctly. Students will become analytical consumers of media and technology to enhance their communication skills. Writing, technology, visual and electronic media are used as tools for learning as students create, clarify, critique, write and produce effective communications. Students will refine and enhance their journalistic skills, research self-selected topics, plan, organize and prepare a project(s).
Reading

Reading I, II, III offer students' instruction in word recognition and comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence and understanding. Students are provided regular opportunities to read self-selected texts in a variety of genres to build reading skills.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Credit</th>
<th>Grade</th>
<th>Prerequisite</th>
<th>PEIMS#</th>
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</thead>
<tbody>
<tr>
<td>READING I</td>
<td>1261</td>
<td>1</td>
<td>9-12</td>
<td>3270700</td>
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<tr>
<td>Prerequisite: None</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>READING II</td>
<td>1262</td>
<td>1</td>
<td>9-12</td>
<td>3270800</td>
</tr>
<tr>
<td>Prerequisite: None</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>READING III</td>
<td>1263</td>
<td>1</td>
<td>9-12</td>
<td>3270800</td>
</tr>
<tr>
<td>Prerequisite: None</td>
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<tr>
<td>LANGUAGE ENRICHMENT</td>
<td>1265</td>
<td>1</td>
<td>9-12</td>
<td>3270700</td>
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<tr>
<td>Prerequisite: None</td>
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</tbody>
</table>

Language Enrichment is a research-based approach to teaching literacy skills. The course is used to provide direct services to dyslexia services.

READING COURSES FOR SPECIAL PROGRAMS

The following courses require ARD or LPAC committee approval and are only available for students with either limited English proficiency or who receive Special Education services.

ESOL

The following reading courses are designed to assist ESOL students in extending academic reading and vocabulary skills. A variety of critical and inferential strategies are stressed in an effort to widen the ESOL students' knowledge base. Individual instruction is provided based on student assessment data and English proficiency level.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Credit</th>
<th>Grade</th>
<th>Prerequisite</th>
<th>PEIMS#</th>
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</thead>
<tbody>
<tr>
<td>ESOL READING I</td>
<td>1012</td>
<td>1</td>
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<td>3270700</td>
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<tr>
<td>Prerequisite: LPAC recommendation</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ESOL READING I - NEW</td>
<td>1013</td>
<td>1</td>
<td>9-12</td>
<td>3270700</td>
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<tr>
<td>Prerequisite: LPAC recommendation</td>
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<tr>
<td>ESOL READING II</td>
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<td>9-12</td>
<td>3270800</td>
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<tr>
<td>Prerequisite: LPAC recommendation</td>
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</table>

Modified

In Reading survey, students gain competence, confidence and understanding as they practice word recognition strategies, read frequently, set and follow different purposes for reading, build vocabulary, practice comprehension strategies, respond to texts and read for information/research and evaluate texts. All strategies are applied in texts that cross the subject fields.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Credit</th>
<th>Grade</th>
<th>Prerequisite</th>
<th>PEIMS#</th>
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<tr>
<td>Course</td>
<td>Grade</td>
<td>PEIMS#</td>
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</tr>
<tr>
<td>READING II</td>
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<td>Grade: 10-12</td>
<td>PEIMS# 03270800</td>
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<tr>
<td>Course# 1932</td>
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<tr>
<td>READING III</td>
<td>Credit: 1</td>
<td>Grade: 11-12</td>
<td>PEIMS# 03270900</td>
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</tr>
<tr>
<td>Course# 1933</td>
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</tbody>
</table>

Prerequisites:
- ARD approval
**MATHEMATICS**

**ALGEBRA I**  
Course# 3111  Credit: 1  Grade: 9-12  PEIMS# 3100500  
Prerequisite: *None*  
Students will learn algebra concepts which form the basis for all other math courses. Areas of study include foundations for functions which include but are not limited to linear, quadratic, and exponential functions. Students will also be instructed in the use of graphing calculators and other technology.

**STRATEGIC LEARNING FOR HIGH SCHOOL MATH**  
Course# 3119  Credit: 1  Grade: 9-10  PEIMS# N1110030  
Prerequisite: *None*  
This course is intended to create strategic mathematical learners from under-prepared mathematics students. The basic understandings will stimulate students to think about their approach to mathematical learning. These will include identifying errors in the teaching and learning process, input errors, physiological concerns and key cognitive skills. The essential knowledge and skills will foster a deeper understanding of the task of learning mathematical concepts. Use of personal data and statistical analysis will establish relevance and aid in creation of personalized learning plans. This course is elective credit and cannot be used to fulfill a math requirement.

**GEOMETRY**  
Course# 3121  Credit: 1  Grade: 9-12  PEIMS# 3100700  
Prerequisite: *Algebra I*  
Geometry requires students to apply algebra skills in a practical setting of areas, volumes and other measurements of plane and solid figures. Students will develop reasoning skills and use multiple representations, technology, applications and modeling, and numerical fluency in problem solving contexts.

**GEOMETRY PRE-AP**  
Course# 3122  Credit: 1  Grade: 9-12  PEIMS# 3100700  
Prerequisite: *Algebra I*  
Geometry requires students to apply algebra skills in a practical setting of areas, volumes and other measurements of plane and solid figures. Students will also develop strong reasoning skills through problem analysis and use multiple representations, technology, applications and modeling, and numerical fluency in problem solving contexts. Students who wish to take advanced placement math exams during their senior year should consider this course.

**GEOMETRY IN CONSTRUCTION**  
Course# 71004  Credit: 1  Grade: 9-10  PEIMS#  
Prerequisite: Concurrent enrollment in Geometry or Geometry Pre-AP  
This course is designed to teach geometric concepts through a hands-on construction technology lab. In Geometry in Construction, students will: learn safety, problem solving, machine and tool use, and drawing interpretation. Students will be exposed to practical skills in building and carpentry trades by building a small structure. The students will use various alternative materials in addition to wood, understand and exploit the interdependence between algebra and geometry and learn a core set of geometry facts. The students will use coordinate geometry in the study of area, perimeter, volume, transformations, congruence, and functions. Students are expected to participate fully in both environments, and to work cooperatively with peers at all times. Geometry is a requirement for graduation. This is recommended for students interested in pre-engineering, architecture, advanced construction technology, interior design, landscape architecture and surveying. Previous construction experience is NOT required. [CHS/HHS/PHS]

**MATH MODELS**  
Course# 3161  Credit: 1  Grade: 10-12  PEIMS #3102400  
Prerequisite: *Algebra I*  
Students use mathematical methods to model and solve real-life applied problems using algebra, geometry, probability and statistics. Students will use a graphing calculator. The course is recommended for students who have a weak foundation in Algebra I. This course must be used to fulfill the 3rd math credit on the Foundation High School Graduation Plans. A course from the list of 4th credit options must be used to fulfill the 4th credit.

**STAAR MATH PREP**  
Course# 3118  Credit: 0  Grade: 9-12  PEIMS #TBD  
Prerequisite: Previously failed Algebra STAAR  
This course will be structured around the objectives outlined in the Algebra STAAR test. Students may receive individualized instruction in certain objectives based upon previous STAAR results, but students will review all objectives. Students will work on test-taking strategies. This course will provide preparation for students who have not yet met approaching grade level for STAAR. This course does not count towards graduation.
ALGEBRA II  
Course# 3131  Credit: 1  Grade: 9-12  PEIMS# 3100600  
Prerequisite: Required Algebra I, Recommended Geometry  
Areas of study include foundations for functions, algebra, quadratic, and square root functions, rational functions, and exponential and logarithmic functions. Students will use graphing calculators and other technology.

ALGEBRA II PRE-AP  
Course# 3132  Credit: 1  Grade: 9-12  PEIMS# 3100600  
Prerequisite: Required Algebra I, Recommended Geometry  
Areas of study include foundations for functions, algebra and geometry, quadratic and square root functions, rational functions, and exponential and logarithmic functions. Students will use graphing calculators and other technology. This course is an advanced math course and is geared to the needs of students who intend to pursue the discipline through Calculus.

ONRAMPS ALGEBRA II  
Course# 3138  Credit: 1  Grade: 9-12  PEIMS# 3100600  
Prerequisite: Required Algebra I, Recommended Geometry  
This course is a dual enrollment course with the University of Texas at Austin. The course will earn College Algebra credit if passed. The course is still in development. Students should choose an alternate to anticipate the course not being launched in 2018.

COLLEGE PREP MATH  
Course# 3163  Credit: 1  Grade: 12  PEIMS# CP111200  
Prerequisite: Students who do not meet college readiness benchmarks will be offered this class as a senior.  
This class helps students get ready for college level coursework in math and prepares them for the Texas Success Initiative (TSI) exam, which Texas public colleges and universities use to assess college readiness. Incoming seniors who do not meet college ready benchmarks for Mathematics on EOC, PSAT and/or SAT may be placed in this course.

ADV QUANTITATIVE REASONING (AQR)  
Course# 3162  Credit: 1  Grade: 11-12  PEIMS# 3102510  
Prerequisite: Algebra II and Geometry  
AQR is an engaging and rigorous course that prepares students for a range of future options in non-mathematics-intensive college majors or for entering workforce training programs; it may also be an appealing elective for students pursuing pre-calculus and calculus. The course emphasizes statistics and financial applications and it prepares students to use algebra, geometry, trigonometry and discrete mathematics to model a range of situations and solve problems.

PRECALCULUS  
Course# 3141  Credit: 1  Grade: 10-12  PEIMS# 3101100  
Prerequisite: Algebra I, Geometry and Algebra II  
Trigonometry / Analytical Geometry skills will be taught including the six trigonometric functions, their graphs, properties, identities and the use of graphing calculators. Problem solving skills are developed through applications of algebraic functions, complex numbers, vectors, and polar coordinates. Additionally, it will include algebraic and trigonometric properties and the study of sequences and series.

PRECALCULUS PRE-AP  
Course# 3142  Credit: 1  Grade: 10-12  PEIMS# 3101100  
Prerequisite: Algebra I, Geometry and Algebra II  
Trigonometry/ Analytical Geometry skills will be taught including the six trigonometric functions, their graphs, properties, identities and the use of graphing calculators. Problem solving skills are developed through applications of algebraic functions, complex numbers, vectors and polar coordinates. Additionally, it will include algebraic and trigonometric properties and the study of sequences and series. This course is an advanced math course and is geared to the mathematics students who intend to pursue the discipline through Calculus.

ONRAMPS PRECALCULUS  
Course# 3143  Credit: 1  Grade: 10-12  PEIMS# 3101100  
Prerequisite: Algebra I, Geometry and Algebra II  
This course is a dual enrollment course with the University of Texas at Austin. In Discovery PreCalculus - A Creative and Connected Approach students deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so that they can successfully work with the concepts in a rigorous university-level calculus course. This course is designed to push students well beyond “drill and kill” exercises, emphasizing conceptual understanding of mathematical definitions and developing logical arguments with their peers.
In Statistics, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis.

This course covers topics used every day in most businesses and is required by many business and scientific college programs. The emphasis will be on conceptual understanding and interpretation of various statistical models. Four major themes covered will be exploratory analysis, planning a study, anticipating patterns in advance, and statistical inference. Students will be prepared for and encouraged to take the AP exam for possible college credit.

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

This course is for college-bound students seeking a math course that will introduce them to practical applications of calculus. With this foundation, more formal definitions and procedures are derived, such as topics of limits, derivatives, integrals and their applications. It is equivalent to approximately one semester of college calculus. Students will receive preparation for the AP Calculus AB tests for possible college credit. Graphing calculators will be utilized extensively.

Participation in Calculus BC is recommended for students with high achievement and strong motivation in math. This class covers the same topics as AP Calculus AB with the additional topics of advanced techniques of integration, series, parametric and polar curves and vectors. It is equivalent to approximately two semesters of college Calculus. Students will receive preparation for the AP Calculus BC tests for possible college credit.

Students in the AP Computer Science course will use the Object Oriented programming language JAVA to write interactive programs for solving problems. Topics covered are data types, selection statements, looping, files, arrays, searching and sorting algorithms, graphics, inheritance, interfaces and classes. A student should be comfortable with functions and the concepts found in the uses of functional notation such as f(x) = x + 2 and f(x) = g(h(x)). Students will be expected to complete a large scale program such as a graphical animation. NOTES: The student will be eligible to take the AP Computer Science A exam. This course may count as a fourth math credit.

The following courses require ARD or LPAC committee approval and are only available for students with either limited English proficiency or who receive Special Education services.
## Modified Mathematics

Modified Mathematics courses provide TEKS based mathematics instruction modified to meet the individual learning requirements of students. Students will learn numerical operations, reasoning, relationships, and algebraic and geometric concepts.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Task</th>
<th>Grade</th>
<th>PEIMS#</th>
</tr>
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<tbody>
<tr>
<td>ALGEBRA I</td>
<td>Course# 3115</td>
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<td>ALGEBRA II</td>
<td>Course# 3135</td>
<td>Credit: 1</td>
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<td>Prerequisite: ARD approval</td>
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<td>GEOMETRY</td>
<td>Course# 3125</td>
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<td>Prerequisite: ARD approval</td>
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<td>CONSUMER MATH</td>
<td>Course# 3917</td>
<td>Credit: 1</td>
<td>Grade: 9-12</td>
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<td>Prerequisite: ARD approval</td>
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<td>CONSUMER MATH 2</td>
<td>Course# 3910</td>
<td>Credit: 1</td>
<td>Grade: 9-12</td>
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<td>Prerequisite: ARD-C approval</td>
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<tr>
<td>MATH MODELS</td>
<td>Course# 3165</td>
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<td>Prerequisite: ARD-C approval</td>
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## Alternate Mathematics

Alternate Mathematics and Basic math courses provide instruction modified to meet the individual learning requirements of students.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Task</th>
<th>Grade</th>
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<td>ALGEBRA I</td>
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<tr>
<td>GEOMETRY</td>
<td>Course# 3126</td>
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<td>ALGEBRA 2</td>
<td>Course# 3136</td>
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<td>Prerequisite: ARD-C approval</td>
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<tr>
<td>BASIC MATH 4</td>
<td>Course# 3924</td>
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</table>
**Prerequisite:** *ARD approval*

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<tr>
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<th>Grade</th>
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<td>BASIC MATH 6</td>
<td>3926</td>
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</table>

*Prerequisite: *ARD approval
**SCIENCE**

**BIOLOGY**  
Course# 4020  
Credit: 1  
Grade: 9-12  
PEIMS# 3010200  
**Prerequisite:** None  
In Biology, students conduct laboratory and field investigations throughout the year. Students will study the following topics: Structures and functions of cells and viruses; growth and development of organisms; cells, tissues, organs, nucleic acids and genetics; biological change; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment.

**BIOLOGY PRE-AP**  
Course# 4021  
Credit: 1  
Grade: 9-12  
PEIMS# 3010200  
**Prerequisite:** None  
Pre-Advanced Placement (AP) Biology is an advanced course recommended for students with a strong interest in science and good study skills. In Pre-AP Biology, students conduct laboratory and field investigations throughout the year. Many of the concepts are the same as that in Biology, except the presentation is more accelerated and in more detail.

**BIOLOGY AP**  
Course# 4022  
Credit: 1  
Grade: 11-12  
PEIMS# A3010200  
**Prerequisite:** Biology or Pre-AP Biology; Chemistry or Pre-AP Chemistry  
This college level course is appropriate for students who plan to enter a college program requiring a strong science background. Students will receive preparation for the AP Biology exam if they choose to seek college credit or placement. Laboratory techniques are developed to further students’ ability to pursue a career in a biologically-related field. Students will conduct laboratory investigations of chemical reactions that occur in organisms (e.g., enzymes, Krebs cycle, protein synthesis, cell replication and specialization). Biological systems of plants and animals are also investigated. This course may count as a fourth science credit.

**INTEGRATED PHYSICS & CHEMISTRY (IPC)**  
Course# 4011  
Credit: 1  
Grade: 9-12  
PEIMS# 3060201  
**Prerequisite:** None  
In Integrated Physics and Chemistry, students conduct laboratory and field investigations throughout the year. This course integrates the concepts of physics and chemistry using practical applications relating to the following topics: Properties of matter, changes in matter, solution chemistry, motion, waves and energy transformation. This course may be used as a second science credit, but may not be used as an advanced science credit. See your counselor to ensure the course fits your plan appropriately.

**CHEMISTRY**  
Course# 4030  
Credit: 1  
Grade: 10-12  
PEIMS# 3040000  
**Prerequisite:** Required one unit of high school science and Algebra I; Recommended completion of or concurrent enrollment in a second year of math.  
In Chemistry, students will conduct laboratory and field investigations that have practical applications in today’s world. Topics of study include: Characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions.

**CHEMISTRY PRE-AP**  
Course# 4031  
Credit: 1  
Grade: 10-12  
PEIMS# 3040000  
**Prerequisite:** Required one unit of high school science and Algebra I; Recommended completion of or concurrent enrollment in a second year of math.  
Pre-Advanced Placement (Pre-AP) Chemistry is an advanced course recommended for students with a strong interest in science and good study skills. In Pre-AP Chemistry, students conduct laboratory and field investigations throughout the year. Many concepts are the same as those in Chemistry, except the presentation is more accelerated and in more detail.

**CHEMISTRY AP**  
Course# 4032  
Credit: 1  
Grade: 11-12  
PEIMS# A3040000  
**Prerequisite:** Recommended Chemistry or Pre-AP Chemistry and Algebra II  
This college level course is appropriate for students who plan to enter a college program requiring a strong science background. Students will receive preparations for the AP Chemistry exam if they choose to seek college credit or placement. Laboratory techniques are developed to further students’ ability to pursue a career in a chemistry-related or engineering field. Advanced laboratory investigations of atomic theory, properties of matter, chemical reactions, kinetics, and equilibria are presented. This course may count as a fourth science credit.
CHEM BRIDGE  
Course# 4161  Credit: 1  Grade: 11-12  PEIMS# 13037210
Prerequisite: Chemistry or Pre-AP Chemistry; Algebra II

This course is a dual enrollment course with the Pre-College Academic Readiness Programs through the University of Texas at Austin. A full-year dual enrollment opportunity providing both academic preparation and college literacy using a curriculum developed by experts in their field designed to mirror what happens on campus in pacing, depth, rigor, and expectations. Students receive 3 credit hours for CH304K in the fall, and 3 credit hours for CH305 in the spring, for a total of six credit hours of Chemistry in Context upon successful completion of the courses. These two courses are generally taken by non-science majors, and correspond to 1305 and 1307 in the Texas Common Course Numbering system. Students in ChemBridge learn to balance chemical equations, assign oxidation states, interpret a periodic table, identify the chemistry in their everyday lives, and think like a chemist. They participate in classroom lessons and activities to reinforce these concepts. ChemBridge classes come to UT-Austin for a guided visit. While on campus, students observe a chemistry course, interact with their ChemBridge professor, take tours, engage with undergraduates, and partake in events intended to acculturate them into a college community. This course is not meant as an alternative to Chemistry AP.

PHYSICS  
Course# 4040  Credit: 1  Grade: 10-12  PEIMS# 3050000
Prerequisite: Recommended Algebra I or concurrent enrollment in Algebra I

In Physics, students will conduct laboratory and field investigations that have practical applications in today's world. Topics of study will include laws of motion; changes within physical systems and conservation of energy and momentum; force; and characteristics and behavior of waves. This course provides students with a conceptual framework, factual knowledge and analytical and scientific skills.

PHYSICS IN CONTEXT (CTE)  
Course# 7051  Credit: 1  Grade: 11-12  PEIMS# 13037100
Prerequisite: Recommended Algebra I or concurrent enrollment in Algebra I

Physics in Context is a "real world" physics course designed to provide students the opportunity to apply principles of force, work, rate, resistance, energy, power and force transformers. These principles are applied to mechanical, fluid, thermal and electrical energy that are used in simple and technological devices and equipment. Each unit has a lab activity that develops the concepts of the lessons for understanding. Students apply skills in technical writing and recording data as applied to the workplace in engineering and technical fields.

PHYSICS PRE-AP  
Course# 4041  Credit: 1  Grade: 10-12  PEIMS# 3050000
Prerequisite: Recommended Algebra I or concurrent enrollment in Algebra I

Pre-Advanced Placement (Pre-AP) Physics is an advanced course recommended for students with a strong interest in science and good study skills. In Pre-AP Physics, students will conduct laboratory and field investigations that have practical applications in today's world. Topics of study will include laws of motion; changes within physical systems and conservation of energy and momentum; force; and characteristics and behavior of waves. This course provides students with a conceptual framework, factual knowledge and analytical and scientific skills. Many concepts are the same as those in Physics, except the presentation is more accelerated and in more detail. Students who have completed Algebra II and have strong science skills are encouraged to take Physics 1 AP rather than Pre-AP Physics.

PHYSICS I AP  
Course# 4042  Credit: 1  Grade: 11-12  PEIMS# A3050003
Prerequisite: Biology, Chemistry and Recommended completion Algebra II and concurrent enrollment in Pre-Cal

This college level course is designed for students who do not intend to major in math, physics or engineering. This class is ideal for students who plan to study biology, medicine or the liberal arts. Students will receive preparations for the AP Physics I Exam if they choose to seek college credit or placement. Laboratory techniques are developed to further student's ability to pursue a career in an engineering or physics-related field. Students will study advanced physics topics such as Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits.

PHYSICS II AP  
Course# 4044  Credit: 1  Grade: 12  PEIMS# A3050004
Prerequisite: Physics I AP

This college level course is designed for students who do not intend to major in math, physics or engineering. This class is ideal for students who plan to study biology, medicine or the liberal arts. Students will receive preparations for the AP Physics II Exam if they choose to seek college credit or placement. Laboratory techniques are developed to further student's ability to pursue a career in an engineering or physics-related field. Students will study advanced physics topics such as fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics.
PHYSICS C AP
Course# 4046 Credit: 1 Grade: 11-12 PEIMS# A3050002
Prerequisite: Physics 1 AP; completion of or concurrent enrollment in Calculus
This college level course is designed for students who intend to major in math, physics or engineering. The intensive study of mechanics, electricity and magnetism is based upon the first university physics course required of students who enter any of these fields. This is a calculus-based course. Students will receive preparation for the AP Physics C exam if they choose to seek college credit or placement. Laboratory techniques are developed to further students’ ability to pursue a career in an engineering related field. Students will study advanced physics topics such as dynamics, kinematics, energy, momentum, circuits, fields, and magnetism.

ADDITIONAL SCIENCE COURSES

ADV ANIMAL SCIENCE (CTE) Course# 70006 Credit: 1 Grade: 11-12 PEIMS# 13000700
Prerequisite: Biology and Chemistry or IPC, Algebra I and Geometry and either Small Animal Management, Equine Science or Livestock Production.
Advanced Animal Science prepares students for careers in the field of animal science. Students will spend at least 40% of instructional time conducting field and laboratory investigations using safe and environmentally appropriate and ethical practices within their research and studies of animals. [HHS/PHS]

ADV PLANT & SOIL SCIENCE (CTE) Course# 70012 Credit: 1 Grade: 11-12 PEIMS# 13002100
Prerequisite: Horticulture or Range, Ecology and Management or Landscape and Turf Management
Advanced Plant and Soil Science provides students with investigations, laboratory and field experiences to develop an understanding of current plant and soil science. Students prepare for careers in the food and fiber industry and learn how to apply skills to the scientific setting. [HHS/PHS]

ASTRONOMY
Course# 4130 Credit: 1 Grade: 11-12 PEIMS# 3060100
Prerequisite: Chemistry and Physics
In Astronomy, students will conduct laboratory and field investigations throughout the year. Students will study the following topics: Information about the universe; scientific theories of the evolution of the universe; characteristics and the life of stars; exploration of the universe; role of the sun in our solar system; planets; and the orientation and placement of the Earth.

AQUATIC SCIENCE
Course# 4120 Credit: 1 Grade: 11-12 PEIMS# 3030000
Prerequisite: Biology and Chemistry
In Aquatic Science, students conduct laboratory and field investigations throughout the year. Students will study the following topics: Parts of an aquatic ecosystem; relationships among aquatic habitats and ecosystems; role of cycles within an aquatic environment; adaptations of aquatic organisms; changes within aquatic environments; geological phenomena and fluid dynamics effects; and origin and use of water in a watershed.

EARTH & SPACE SCIENCE
Course# 4151 Credit: 1 Grade: 11-12 PEIMS# 3060200
Prerequisite: Three credits in math and science (one of each may be concurrent)
Earth & Space Science is a capstone course designed to build on students’ prior scientific and academic knowledge and skills to develop understanding of the Earth as a solid and fluid system in space and time. Elements of astronomy, geology, hydrology, oceanography, meteorology and ecology are used to study the Earth's systems and energy interactions. Note: Recommended for students in Grade 12 who have completed a sequence of Biology, Chemistry and Physics.
ENVIROMENTAL SCIENCE AP

Prerequisite: Biology and Chemistry
This college level course is appropriate for students who plan to enter a college program requiring a science or liberal arts background. Students will receive preparation for the AP Environmental Science exam if they choose to seek college credit or placement. Students in AP Environmental Science will investigate the interrelationships between people and the natural world. This course will integrate the sciences including biology, chemistry and earth science with the social sciences to analyze contemporary environmental problems such as pollution, resource acquisition, biodiversity and global warming. Students will examine alternative solutions for resolving and/or preventing these environmental problems. A strong laboratory and field investigation component is included so that students can explore the issues that affect their own lives.

ENVIRONMENTAL SYSTEMS

Prerequisite: Biology and Chemistry
In Environmental Systems, students will conduct laboratory and field investigations that have practical applications in today’s world. Students will study the following topics: Biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental systems; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.

FORENSIC SCIENCE (CTE)

Prerequisite: Biology and Chemistry
Forensic Science is a college level course that includes laboratory and field investigation that gives students a basic understanding of how forensic science is used in criminal cases. This course will also serve to assist students who wish to learn and use forensic science techniques in their future careers. This course is 40% lab based. [CHS/PHS]

HUMAN ANATOMY & PHYSIOLOGY (CTE)

Prerequisite: Biology and Chemistry
Anatomy and Physiology focuses on topics presented through an integration of biology, chemistry and physics. Students will study structures and functions of the human body and body systems. Fetal pig dissection is required. This advanced course is recommended for students with a strong interest in science with a focus on medical careers.

MEDICAL MICROBIOLOGY

Prerequisite: Biology and Chemistry
In Medical Microbiology students will learn the major groups of disease causing microorganisms, their symptoms, treatment, prevention and impact on human populations. Clinical lab identification of similar non-pathogenic organisms will be done using standard microbiological techniques and aseptic methods. This course may count as a fourth science credit if completed with Pathophysiology.

PATHOPHYSIOLOGY (CTE)

Prerequisite: None
In Pathophysiology students conduct lab investigations and fieldwork and make informed decisions using critical thinking and problem solving. Students may study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of diseases. This course may count as a fourth science credit if completed with Medical MicroBiology.

SCIENTIFIC RESEARCH & DESIGN (CTE)

Prerequisite: Biology and Chemistry
Scientific Research and Design will focus on the study of living systems, organisms, the environment, structures, and properties of matter, motion, forces and energy. Students will explore the scientific concepts within Biology, Chemistry, and Physics.
ORGANIC CHEMISTRY      Course# 4162  Credit: 1  Grade: 11-12  PEIMS# N1120027  
Prerequisite: **Recommended AP Chemistry**

The course is structured as a college-level introductory organic chemistry course. First semester topics include introductory chemical nomenclature, chemical structure and bonding, acid-base relationships, mechanistically simple organic reactions, and introductory organic synthesis. First semester laboratory exercises include hands-on introductions to techniques such as crystallization, distillation, extraction, and chromatography. Second semester topics include advanced chemical nomenclature, theoretical aspects of structure determination, organic reactions and syntheses of increased complexity, and introductory biochemistry. Laboratory exercises focus on synthetic techniques, modern spectroscopic techniques such as IR and NMR, and structure elucidations of complex unknowns. **This course counts as an elective credit only and cannot be used to satisfy advanced science requirements for graduation.**

ONRAMPS EARTH, WIND & FIRE  
Course# 4163  Credit: 1  Grade: 11-12  PEIMS# 03060200  
Prerequisite: **Biology and Chemistry or IPC and Chemistry**

Earth, Wind, and Fire is a course in geoscience literacy. It covers the fundamentals of how the Earth works, and how its various systems – the lithosphere, atmosphere, hydrosphere, and biosphere – interact to form the complex world in which we live. Geoscience is the study of the Earth. It is an integrated science, drawing on the fundamental principles of physics, chemistry, biology, and geosciences to explain Earth processes. Many of the most complex and interesting scientific problems of this century, such as energy resources, water supply, and climate change, require the skills of geologic thinking to solve. This class introduces students to the major areas in geoscience, and helps them develop critical, creative, and geologic problem solving skills, as applied to 21st century scientific problems. **This course receives Earth and Space Science (ESS) credit for high school. Students may not take both ESS and this course for credit.**

### SCIENCE COURSES FOR SPECIAL PROGRAMS

The following courses require ARD or LPAC committee approval and are only available for students with either limited English proficiency or who receive Special Education services.

#### ESOL

**ESOL BIOLOGY**  
Course# 4012  Credit: 1  Grade: 9-12  PEIMS# 3010200  
Prerequisite: **LPAC recommendation**

In Biology, students conduct laboratory and field investigations throughout the year. Students will study the following topics: Structures and functions of cells and viruses; growth and development of organisms; cells, tissues, organs, nucleic acids and genetics; biological change; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment. Instruction is linguistically accommodated in order to support students as they acquire English language skills. It is designed for beginning and intermediate ESOL students.

**ESOL INTEGRATED PHYSICS & CHEMISTRY**  
Course# 4010  Credit: 1  Grade: 10-12  PEIMS# 3060201  
Prerequisite: **LPAC recommendation. This course cannot be taken after passing Chemistry or Physics for science credit.**

In Integrated Physics and Chemistry, students conduct laboratory and field investigations throughout the year. This course integrates the concepts of physics and chemistry using practical applications relating to the following topics: Properties of matter, changes in matter, solution chemistry and motion, waves and energy transformation. Instruction is linguistically accommodated in order to support students as they acquire English language skills. It is designed for beginning and intermediate ESOL students. Students on the Recommended High School Plan who take IPC will need to take both Chemistry and Physics to complete their graduation requirements. IPC cannot be taken after Chemistry and Physics. IPC does not count for graduation credit under the Distinguished Achievement Plan.
**Modified**

Modified Science and Science Studies courses provide TEKS based instruction modified to meet the individual learning requirements of students. The courses will focus on improving the student's critical thinking and problem solving skills as well as their knowledge of scientific terminology, procedures, and scientific studies.

**INTEGRATED PHYSICS AND CHEMISTRY**

Prerequisite: ARD approval

Course# 4912  Credit: 1  Grade: 9-12  PEIMS# 03060201

**BIOLOGY**

Prerequisite: ARD approval

Course # 4025  Credit: 1  Grade: 9-12  PEIMS# 0310200

**CHEMISTRY**

Prerequisite: ARD approval

Course# 4035  Credit: 1  Grade: 9-12  PEIMS# 03040000

**PHYSICS**

Prerequisite: ARD approval

Course# 4045  Credit: 1  Grade: 9-12  PEIMS# 03050000

**Alternate**

**BIOLOGY**

Prerequisite: ARD Approval

Biology Alternate provides science instruction modified to meet the individual learning requirements of students.

Course # 4026  Credit: 1  Grade: 9-12  PEIMS#: 03010200

**CHEMISTRY**

Prerequisite: ARD Approval

Chemistry Alternate provides science instruction modified to meet the individual learning requirements of students.

Course # 4036  Credit: 1  Grade: 9-12  PEIMS#: 03040000

The following science courses focus on science applications in the real world. Instruction is modified to meet individual student needs in the area of science.

**HOME SCIENCE**

Prerequisite: ARD approval

Course# 4921  Credit: 1  Grade: 9-12  Local PEIMS# 8HOMESC

**NUTRITION SCIENCE**

Prerequisite: ARD approval

Course# 4922  Credit: 1  Grade: 9-12  Local PEIMS# 8NUTSCI

**ENVIRONMENTAL AWARENESS**

Prerequisite: ARD approval

Course# 4923  Credit: 1  Grade: 11-12  Local PEIMS# 8ENVAWA
**SOCIAL STUDIES**

**WORLD GEOGRAPHY**  
**Course#** 2111  
**Credit:** 1  
**Grade:** 9-12  
**PEIMS#** 3320100  
**Prerequisite:** None

Students will examine people, places, and environments at local, regional, national and international scales from the spatial and ecological perspectives of geography. They will describe the influence of geography on events of the past and present. 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. Students use problem-solving and decision-making skills to ask and answer geographic questions using primary and secondary source materials.

**WORLD GEOGRAPHY PRE-AP**  
**Course#** 2112  
**Credit:** 1  
**Grade:** 9-12  
**PEIMS#** 3320100  
**Prerequisite:** None

Students will examine people, places, and environments at local, regional, national and international scales from the spatial and ecological perspectives of geography. They will describe the influence of geography on events of the past and present. 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. Students use problem-solving and decision-making skills to ask and answer geographic questions using primary and secondary source materials. This course is an advanced course. Students enrolled in this course should be prepared to take AP World History as the next course in sequence.

**HUMAN GEOGRAPHY AP**  
**Course#** 2415  
**Credit:** 1  
**Grade:** 9-12  
**PEIMS#** A3360100  
**Prerequisite:** None

This is a college-level course introducing students to the systematic study of processes and patterns that have shaped human understanding, use, and alteration of the Earth’s surface. Students employ landscape analysis and spatial concepts to analyze social organization and its environmental consequences. Students also learn about the tools and methods geographers use in their science and practice. This course may substitute for the required credit of World Geography when taken for a full year.

**WORLD HISTORY**  
**Course#** 2121  
**Credit:** 1  
**Grade:** 10-12  
**PEIMS#** 3340400  
**Prerequisite:** World Geography

This course provides an overview of history from the earliest civilizations to the present. Students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process, and trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students use historical inquiry to research and interpret both primary and secondary sources in order to analyze change over time.

**WORLD HISTORY AP**  
**Course#** 2123  
**Credit:** 1  
**Grade:** 10-12  
**PEIMS#** A3370100  
**Prerequisite:** World Geography

This course is equivalent to a college introductory World History course, emphasizing significant people, events and issues from earliest times to present in civilizations around the world to understand evolving processes and human contact and interactions. Students will be required to access atlases, historical documents, exhibits, works of literature, collections of art and architecture and technology to gain information. Recognizing and understanding cause-and-effect relationships, multiple causation, trends, themes and interactions, and importance of both change and continuity in shaping human events will be stressed.
U.S. HISTORY               Course# 2131    Credit: 1    Grade: 11-12    PEIMS# 3340100
Prerequisite: World History
This course on U.S. History from 1877 to the Present is the second part of a two-year study of U.S. History begun in 8th Grade. The students will focus on the political, economic and social issues related to industrialization, urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements, including civil rights. Students use critical-thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.

U.S. HISTORY ACC           Course# 2594    Credit: 1 (Dual) Grade: 11-12    PEIMS# 3340100
Prerequisite: World History
This is a dual credit course for college and high school credit from ACC Early College Start Program. Students must meet the college readiness standards and must follow enrollment procedures at ACC. See your counselor for more details. By selecting this course on Bridges you are making a commitment to block ACC English 3 ACC and take during the regular school day.

U.S. HISTORY AP            Course# 2132    Credit: 1    Grade: 11-12    PEIMS# A3340100
Prerequisite: World History
This course is the equivalent of an introductory college course on U.S. History. It surveys the period from the first European explorations to the present, stressing political institutions, behavior and public policy, social and economic change, diplomacy and international relations, and cultural and intellectual developments. Students will be required to access atlases, historical documents, exhibits, works of literature, collections of art and architecture, and technology to gain information to recognize and understand cause-and-effect relationships, multiple causation; trends, themes, and interactions; and the importance of both change and continuity in shaping human events.

U.S. GOVERNMENT            Course# 2201    Credit: 0.5 Grade: 12    PEIMS# 3330100
Prerequisite: U.S. History
This course focuses on the principles, beliefs, structure, functions, and powers of government at national, state and local levels. 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. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution.

U.S. GOVERNMENT ACC        Course# 2596    Credit: 0.5 (Dual) Grade: 12    PEIMS# 3330100
Prerequisite: U.S. History
This is a dual credit course for college and high school credit from ACC Early College Start Program. Students must meet the college readiness standards and must follow enrollment procedures at ACC. See your counselor for more details. By selecting this course on Bridges you are making a commitment to block ACC English 4, ACC Economics and ACC Sociology and take during the regular school day.

U.S. GOVERNMENT AP         Course# 2202    Credit: 0.5 Grade: 12    PEIMS# A3330100
Prerequisite: U.S. History
This course examines the constitutional underpinnings of the structures of government, political beliefs and behaviors, political parties, interest groups and mass media, public policy, and civil rights and liberties. Students will evaluate general propositions about government and politics, analyze political relationships between people and institutions and between different institutions, and utilize basic data relevant to government and politics in sustained written arguments.
SOCIAL STUDIES COURSES FOR SPECIAL PROGRAMS

The following courses require ARD or LPAC committee approval and are only available for students with either limited English proficiency or who receive Special Education services.

ESOL

ESOL WORLD GEOGRAPHY  Course# 2011  Credit: 1  Grade: 9-12  PEIMS# 3320100
Prerequisite: LPAC recommendation
Students will examine people, places, and environments at local, regional, national and international scales from the spatial and ecological perspectives of geography. They will describe the influence of geography on events of the past and present. 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. Instruction is linguistically accommodated in order to support students as they acquire English language skills. It is designed for beginning and intermediate ESOL students.

ESOL WORLD HISTORY  Course# 2021  Credit: 1  Grade: 10-12  PEIMS# 3340400
Prerequisite: LPAC recommendation
This course provides an overview of history from the earliest civilizations to the present. Students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process, and trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Instruction is linguistically accommodated in order to support students as they acquire English language skills. It is designed for beginning and intermediate ESOL students.

ESOL AMERICAN STUDIES I  Course# 2031  Credit: 1  Grade: 9-12  PEIMS# 3380002
Prerequisite: LPAC recommendation
This course is a survey of American history with an emphasis on the development and changing nature of American society. Students will become familiar with the basic chronology of American history while understanding its principal themes. Students will develop both geographic knowledge and map skills. Students will also be able to analyze and evaluate the validity of primary sources. This course provides state elective credit.

Modified

Modified Social Studies and Social Studies Survey courses provide TEKS based social studies instruction modified to meet the individual learning requirements of students.

WORLD GEOGRAPHY  Course# 2115  Credit: 1  Grade: 9-12  PEIMS# 03320100
Prerequisite: ARD approval

WORLD HISTORY  Course# 2125  Credit: 1  Grade: 10-12  PEIMS# 03340400
Prerequisite: ARD approval

UNITED STATES HISTORY  Course# 2135  Credit: 1  Grade: 11-12  PEIMS# 03340100
Prerequisite: ARD approval

U.S. GOVERNMENT  Course# 2205  Credit: 0.5  Grade: 12  PEIMS# 3330100
Prerequisite: ARD approval
Alternate

Alternate Social Studies courses provide instruction modified to meet individual student needs.

**WORLD GEOGRAPHY**
**Prerequisite:** ARD approval
Course# 2116  Credit: 1  Grade: 9-12  Local PEIMS # 03320100

**WORLD HISTORY**
**Prerequisite:** ARD approval
Course# 2126  Credit: 1  Grade: 10-12  Local PEIMS # 03340400

**UNITED STATES HISTORY**
**Prerequisite:** ARD approval
Course# 2136  Credit: 1  Grade: 11-12  Local PEIMS # 03340107

**U.S. GOVERNMENT**
**Prerequisite:** ARD approval
Course# 2206  Credit: 0.5  Grade: 12  PEIMS# 3330100

**COMMUNITY SKILLS**
**Prerequisite:** ARD approval
Course# 2921  Credit 1  Grade: 9-12  Local PEIMS# 8COMSK
Community Skills focuses on Social Studies applications in the real world. Instruction is modified to meet individual student needs.

**WORLD AROUND US**
**Prerequisite:** ARD approval
Course# 2922  Credit: 1  Grade: 9-12  Local PEIMS# 8WORAU
World Around Us focuses on social studies applications in the real world. Instruction is modified to meet individual student needs.

**CURRENT NEWS**
**Prerequisite:** ARD approval
Course# 292  Credit: 1  Grade: 9-12  Local PEIMS # 8CURNEW
Current News focuses on social studies applications in the real world. Instruction is modified to meet individual student needs.

**COMMUNITY LEADERS**
**Prerequisite:** ARD approval
Course# 2924  Credit: 0.5  Grade: 11-12  Local PEIMS# 8COMLED
Community Leaders focuses on social studies applications in the real world. Instruction is modified to meet individual student needs.

**ELECTIVES IN SOCIAL STUDIES**

**COMPARATIVE GOVERNMENT & POLITICS AP**
**Prerequisite:** None
Course# 2333  Credit: 0.5  Grade: 11-12  PEIMS# A3330200
AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

**EUROPEAN HISTORY AP**
**Prerequisite:** World History
Course# 2332  Credit: 1  Grade: 11-12  PEIMS# A3340200
This course is equivalent to college European History and addresses major events and trends from 1450 to the present, covering the themes of intellectual, cultural, political, diplomatic, social, and economic history of Europe. Recognizing and understanding cause- and-effect relationships, multiple causation, trends, themes and interactions, and the importance of both change and continuity in shaping human events will be stressed.
HUMAN GEOGRAPHY AP Course# 2415 Credit: 1 Grade: 11-12 PEIMS# A3360100
Prerequisite: None
This is a college-level course introducing students to the systematic study of processes and patterns that have shaped human understanding, use, and alteration of the Earth’s surface. Students employ landscape analysis and spatial concepts to analyze social organization and its environmental consequences. Students also learn about the tools and methods geographers use in their science and practice. This course may substitute for the required credit of World Geography when taken for a full year.

PSYCHOLOGY Course# 2411 Credit: 0.5 Grade: 11-12 PEIMS# 3350100
Prerequisite: None
In this elective course, students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.

PSYCHOLOGY AP Course# 2421 Credit: 0.5 Grade: 11-12 PEIMS# A3350100
Prerequisite: None
This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to psychological facts, principles and occurrences associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Students should also sign up for SSRM - Psychology (2451).

SSRM – PSYCHOLOGY Course# 2451 Credit: 0.5 Grade: 11-12 PEIMS# 3380003
Prerequisite: None
This is a companion course to AP Psychology. Students taking this course should also sign up for AP Psychology (2421).

SOCIOLOGY Course# 2412 Credit: 0.5 Grade: 11-12 PEIMS# 3370100
Prerequisite: None
This course is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

STUDENT LEADERSHIP Course# 2352 Credit: 1 Grade: 10-12 PEIMS# N1290010
Prerequisite: Teacher approval and Student Council Involvement
Student Leadership provides an opportunity to develop group and individual leadership and organizational skills. Course is preferred for all Student Council members and class officers.

STUDENT LEADERSHIP Course# 2353 Credit: 0.5 Grade: 10-12 PEIMS# N1290010
Prerequisite: Teacher recommendation
Leadership provides students with 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.

ECONOMICS

ECONOMICS Course# 2211 Credit: 0.5 Grade: 12 PEIMS# 3310300
Prerequisite: U.S. History
Economics focuses on the free enterprise system and its benefits, including the basic principles concerning the production, consumption, and distribution of goods and services. Students analyze the interaction of supply, demand, and price. They also investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills to create economic models and evaluate economic patterns.
ECONOMICS ACC  Course# 2597  Credit: 0.5 (Dual)  Grade: 12  PEIMS# 3310300
Prerequisite: U.S. History
This is a dual credit course for college and high school credit from ACC Early College Start Program. Students must meet the college readiness standards and must follow enrollment procedures at ACC. See your counselor for more details. By selecting this course on Bridges you are making a commitment to block ACC English 4, ACC Economics and ACC Sociology and take during the regular school day.

MACROECONOMICS AP  Course# 2212  Credit: 0.5  Grade: 12  PEIMS# A3310200
Prerequisite: U.S. History
Macroeconomics gives students a thorough understanding of principles that apply to an economic system as a whole, covering basic economic concepts, measurement of economic performance, national income and price determination, economic growth and international finance, exchange rates, and balance of payments. Students will use content knowledge and critical-thinking strategies to create models for economic problem-solving. This course fulfills the Economics graduation requirement.

MICROECONOMICS AP  Course# 2215  Credit: 0.5  Grade: 12  PEIMS# A3310100
Prerequisite: U.S. History
Microeconomics gives students an understanding of the principles of economics that apply to the functions of individual consumers and producers, including basic economic concepts, nature and functions of product markets, factor markets and efficiency, and equity and the role of government in shaping economies. This course fulfills the Economics graduation requirement.

PERSONAL FINANCIAL  Course# 2218  Credit: 0.5  Grade: 10-12  PEIMS# 03380082
LITERACY
This elective course helps students gain the knowledge and skills necessary to make sound, informed personal financial decisions both in the short term and throughout their adult life. Students will analyze a wide range of issues, information, and resources related to identifying earning goals, developing sustainable spending habits, creating both short- and long-term saving and investment strategies, evaluating and responsibly using various types of credit, making informed borrowing decisions, and insuring and protecting their assets and financial well-being. This course also includes instruction about the advantages and disadvantages of various options for paying for college and postsecondary education and training, including loans, grants, scholarships, work-study, and military programs. Students will receive specific instruction in completing the Free Application for Federal Student Aid (FAFSA).

ECONOMIC COURSES FOR SPECIAL PROGRAMS

The following courses require ARD or LPAC committee approval and are only available for students with either limited English proficiency or who receive Special Education services.

**Modified**

ECONOMICS  Course# 2216  Credit: 0.5  Grade: 12  PEIMS# 3310300
Prerequisite: ARD approval

**Alternate**

ECONOMICS  Course# 2217  Credit: 0.5  Grade: 11-12  PEIMS# 03310300
Prerequisite: ARD approval
LANGUAGES OTHER THAN ENGLISH (LOTE)

In all courses of Languages Other Than English (LOTE), students will explore the five Cs at each proficiency level:
- Communication-develop target language skills through practice in listening, speaking, reading, and writing
- Culture-develop an understanding of the people, practices, products and perspectives of target culture
- Connections-between this and other subject areas
- Comparisons-between own culture/language and target culture/language
- Communities-use language beyond the school setting for personal and career development.

ARABIC I
Course# 5601  Credit: 1  Grade: 9-12  PEIMS# 3110100
Prerequisite: None

ARABIC II
Course# 5602  Credit: 1  Grade: 9-12  PEIMS# 3110200
Prerequisite: Successful completion of Level I or language proficiency

ARABIC III
Course# 5603  Credit: 1  Grade: 9-12  PEIMS# 3110300
Prerequisite: Successful completion of Level II or language proficiency
This course will be weighted on a Tier 2 scale equivalent to Pre-AP courses.

ARABIC IV
Course# 5604  Credit: 1  Grade: 9-12  PEIMS# 3110400
Prerequisite: Successful completion of Level III or language proficiency
This course will be weighted on a Tier 1 scale equivalent to AP courses.

CHINESE I – MANDARIN
Course# 5521  Credit: 1  Grade: 9-12  PEIMS# 3490100
Prerequisite: None

CHINESE II – MANDARIN
Course# 5522  Credit: 1  Grade: 9-12  PEIMS# 3490200
Prerequisite: Successful completion of Level I or language proficiency

CHINESE III PRE-AP
Course# 5523  Credit: 1  Grade: 9-12  PEIMS# 3490300
MANDARIN
Prerequisite: Successful completion of Level II or language proficiency

CHINESE IV AP–MANDARIN
Course# 5524  Credit: 1  Grade: 9-12  PEIMS# 3490400
Prerequisite: Successful completion of Level III or language proficiency

FRENCH I
Course# 5001  Credit: 1  Grade: 9-12  PEIMS# 3410100
Prerequisite: None

FRENCH II
Course# 5002  Credit: 1  Grade: 9-12  PEIMS# 3410200
Prerequisite: Successful completion of Level I or language proficiency

FRENCH III PRE-AP
Course# 5003  Credit: 1  Grade: 9-12  PEIMS# 3410300
Prerequisite: Successful completion of Level II or language proficiency

FRENCH IV AP
Course# 5004  Credit: 1  Grade: 9-12  PEIMS# A3410100
Prerequisite: Successful completion of Level III or language proficiency

GERMAN I
Course# 5101  Credit: 1  Grade: 9-12  PEIMS# 3420100
Prerequisite: None

GERMAN II
Course# 5102  Credit: 1  Grade: 9-12  PEIMS# 3420200
Prerequisite: Successful completion of Level I or language proficiency

GERMAN III PRE-AP
Course# 5103  Credit: 1  Grade: 9-12  PEIMS# 3420300
Prerequisite: Successful completion of Level II or language proficiency
GERMAN IV AP  Course# 5104  Credit: 1  Grade: 9-12  PEIMS# A3420100
Prerequisite: Successful completion of Level III or language proficiency

LATIN I  Course# 5201  Credit: 1  Grade: 9-12  PEIMS# 3430100
Prerequisite: None

LATIN II  Course# 5202  Credit: 1  Grade: 9-12  PEIMS# 3430200
Prerequisite: Successful completion of Level I or language proficiency

LATIN III PRE_AP  Course# 5203  Credit: 1  Grade: 9-12  PEIMS# 3440300
Prerequisite: Successful completion of Level II or language proficiency

LATIN IV AP  Course# 5204  Credit: 1  Grade: 9-12  PEIMS# A3430100
Prerequisite: Successful completion of Level III or language proficiency

SPANISH I  Course# 5401  Credit: 1  Grade: 9-12  PEIMS# 3440100
Prerequisite: none

SPANISH II  Course# 5402  Credit: 1  Grade: 9-12  PEIMS# 3440200
Prerequisite: Successful completion of Level I or language proficiency

SPANISH III PRE-AP  Course# 5403  Credit: 1  Grade: 9-12  PEIMS# 3440300
Prerequisite: Successful completion of Level II or language proficiency

SPANISH IV AP- LANGUAGE Course# 5404  Credit: 1  Grade: 9-12  PEIMS# A3440100
Prerequisite: Successful completion of Level III or language proficiency

SPANISH V AP- LITERATURE Course# 5405 Credit: 1  Grade: 9-12  PEIMS# A3440200
Prerequisite: Successful completion of Level IV or language proficiency

SPANISH I NATIVE SPEAKERS - SEM  Course# 5441  Credit: 1  Grade: 9-12  PEIMS# 3440110
Prerequisite: Heritage Spanish speaker who possesses a wide range of communicative abilities in the language. This is an accelerated course.

SPANISH II NATIVE SPEAKERS- SEM  Course# 5442  Credit: 1  Grade: 9-12  PEIMS# 3440220
Prerequisite: Heritage Spanish speaker who possesses a wide range of communicative abilities in the language. This is an accelerated course.

SPANISH III NATIVE SPEAKERS-SEM  Course# 5443  Credit: 1  Grade: 9-12  PEIMS# 3440330
Prerequisite: Successful completion of previous level or language proficiency. This is an accelerated course.

SPANISH IV AP NATIVE SPEAKERS-SEM  Course# 5444  Credit: 1  Grade: 9-12  PEIMS# 3440440
Prerequisite: Successful completion of previous level or language proficiency. Upon completion of the course, students should be prepared to take the Advanced Placement Language Exam.
PHYSICAL EDUCATION

Each student enrolled in a physical education course or any substitute course or activity are assessed through the yearly fitness assessment called the FITNESSGRAM®. All information regarding this assessment is available at www.fitnessgram.net

It is recommended that all students who are taking traditional PE courses to fulfill the PE graduation requirement take one semester of Foundations of Personal Fitness (8011).

FOUNDATIONS

PERSONAL FITNESS
Course# 8011 Credit: 0.5 Grade: 9-12 PEIMS#PES00052
Prerequisite: None
Foundations of Personal Fitness promotes lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit. The concept of wellness is the cornerstone of this course and is exemplified by having students design their own personal fitness program. This is a required course for students fulfilling PE requirements through traditional PE courses.

PE INDIVIDUAL SPORTS
Course# 8031 Credit: 0.5 Grade: 9-12 PEIMS# PES00055
Prerequisite: None
The student will participate in individual sports. The continued development of wellness and fitness will be included in the class and the selection of individual sports activities that are enjoyable is a major objective of this course. Activities will include recreational, noncompetitive and competitive sports which may include weight lifting, golf, tennis, horseshoes, Frisbee, badminton, washers and various individual activities.

PE TEAM SPORTS
Course# 8032 Credit: 0.5 Grade: 9-12 PEIMS# PES00055
Prerequisite: None
The student will participate in team sports. Wellness and fitness will be included in the class but the emphasis will be on developing skills in competitive sports. Team sports activities may include basketball, volleyball, flag football, soccer, ultimate Frisbee, speedball and competitive weightlifting.

STRENGTH & CONDITIONING
Course# 8033 Credit: 0.5 Grade: 9-12 PEIMS# PES00054
Prerequisite: None
This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training and over all fitness training and conditioning. A major emphasis of this course is on weight training and conditioning (running). Students are pre-tested in a variety of strength and conditioning exercises and re-tested at six week intervals. A conditioning and weight training program is developed. Student progress is evaluated by student improvement over the semester. Students will be empowered to make wise choices, meet challenges and develop positive behaviors in fitness, wellness and movement activity for a lifetime. This course will earn 0.5 course credit for PE Aerobic activity.

ELECTIVES IN PHYSICAL EDUCATION

SPORTS MEDICINE I
Course# 8108 Credit: 1 Grade: 9-12 PEIMS# N1150040
Prerequisite: Approval of athletic trainer
Sports Medicine provides student trainers with the opportunity to study and apply the components of sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities and exercise. Students will work under the supervision of athletic trainer. This course earns state elective credit.
SPORTS MEDICINE II  
Course# 8109  Credit: 1  Grade: 9-12  PEIMS# N1150041  
**Prerequisite:** Approval of athletic trainer  
This course is designed for student athletic trainers. It provides an in-depth study and application of the components of sports medicine including but not limited to: Rehabilitative techniques; therapeutic modalities; wound care; taping and bandaging techniques; prevention, recognition, and care of musculo-skeletal injuries; drugs in sports; and modern issues in sports medicine. Individualized and independent assignments are included, along with outside-of-class time spent with athletes and athletic teams. This course earns state elective credit.

### SUBSTITUTIONS FOR PHYSICAL EDUCATION

**PE AEROBIC DANCE**  
Course# 8051  Credit: 1  Grade: 9-12  PEIMS# PES00054  
**Prerequisite:** None  
Aerobic Dance Activity is designed for students with a desire to learn about dance as an art. This course is an introduction to all basic dance principles (tap, ballet, jazz, hip hop, modern, lyrical, fitness education and social dance) including terminology, and history of all dance forms. Students will learn stretching techniques and choreographic skills, as well as participate in small and large group routines. They will also develop artistic judgment and self-discipline. This class requires specific attire and may require one out of school performance. This course earns PE credit and cannot be taken for more than one credit.

**ATHLETIC TRAINING I**  
Course# 8105  Credit: 1  Grade: 9-12  PEIMS# PES00001  
**Prerequisite:** Approval of athletic trainer  
Students will receive extensive training in the areas of prevention, care and rehabilitation of sports injuries. This training will then be used when covering practices, scrimmages and competitions. Students will assist the coach as needed in areas such as care and management of equipment, statistics, etc. Students will be assigned to work various sports throughout the year. This will require time after school for workouts and competitions. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

**ATHLETIC TRAINING II**  
Course# 8106  Credit: 1  Grade: 9-12  PEIMS# PES00002  
**Prerequisite:** Approval of athletic trainer  
Students will receive extensive training in the areas of prevention, care and rehabilitation of sports injuries. This training will then be used when covering practices, scrimmages and competitions. Students will assist the coach as needed in areas such as care and management of equipment, statistics, etc. Students will be assigned to work various sports throughout the year. This will require time after school for workouts and competitions. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

**ATHLETIC TRAINING III**  
Course# 8107  Credit: 1  Grade: 9-12  PEIMS# PES00003  
**Prerequisite:** Approval of athletic trainer  
Students will receive extensive training in the areas of prevention, care and rehabilitation of sports injuries. This training will then be used when covering practices, scrimmages and competitions. Students will assist the coach as needed in areas such as care and management of equipment, statistics, etc. Students will be assigned to work various sports throughout the year. This will require time after school for workouts and competitions. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

**CHEERLEADING-PE SUB**  
Course# 8061  Credit: 1  Grade: 9-12  PEIMS# PES00013  
**Prerequisite:** Competitive selection  
Cheerleaders are selected for either the freshmen (future 9th graders) squad, the junior varsity (future 10th and 11th graders) squad, or the varsity (future 11th and 12th graders) squad. They perform for the entire school year at various school functions and at all sports events. This course provides up to one credit of PE.
DRILL TEAM - PE SUB  Course# 6581  Credit: 1  Grade: 9-12  PEIMS# PES00014
Prerequisite: Counselor approval
This course is for limited campus use for students participating in Drill Team who need PE credit instead of fine art or elective credit. This course number cannot be repeated for more than one credit. This course is to be taken with Dance Performance Ensemble I (6516).

MARCHING BAND - PE SUB  Course# 6311  Credit: 0.5  Grade: 9-12  PEIMS# PES00012
Prerequisite: Take with Band I (6341) and Instrumental ensemble (6351)
Students perform musical compositions which are designed for marching, parade and concert performances. Extensive instruction is given in marching techniques to accommodate different performance styles. The band performs at all football games, participates in UIL marching contest and various state and national festivals when possible. Membership in the Concert Band is required. This zero-hour activity is required of students in their first or second year of participation in Band. The course includes at least 100 minutes per five-day school week of moderate to vigorous physical activity. A maximum of one PE credit may be earned for this PE substitution.

OFF CAMPUS ATHLETICS I - PE SUB  Course# 8201  Credit: 1  Grade: 9-12  PEIMS# PES00008
Prerequisite: Approval of Coordinator of Health, PE & Athletics. See counselor for request form.

OFF CAMPUS ATHLETICS II - PE SUB  Course# 8202  Credit: 1  Grade: 10-12  PEIMS# PES00009
Prerequisite: Approval of Coordinator of Health, PE & Athletics. See counselor for request form.
PFI&D may approve an off-campus private or commercially-sponsored physical education program that provides special and/or accelerated activities that are not offered by the District's physical education program. Students must receive prior approval from the District's Coordinator of Physical Education, and the program must meet District requirements. Note: Students must meet the District's deadline for submission of the request which for the fall semester is the second Monday in May and for the spring semester the second Monday in November. Students should contact their counselor or the district's Coordinator of Physical Education for more information.

ROTC I - PE SUB  Course# 8501  Credit: 1  Grade: 9-12  PEIMS# PES00004
Prerequisite: None
This course teaches students the positive attitudes of personal integrity, leadership knowledge and skills, discipline, self-reliance, good citizenship and patriotism. Basic training leadership, physical fitness, drill, marksmanship and military organization are taught. This course will substitute for one credit of physical education.
ATHLETICS

Participation in co-curricular activities is an important part of the high school experience. Students who entered 9th grade prior to the 2011-12 school year and who are in athletics may receive a total of two state credits. Students who enter 9th grade in the 2011-12 school year and who are in athletics may receive a total of four state credits. Credits beyond the stated allowable will not apply toward any graduation requirement.

BASEBALL FRESHMEN
Prerequisite: Coach approval
Course# 8110  Credit: 1  Grade: 9  PEIMS# PES00000

BASEBALL JV
Prerequisite: Coach approval
Course# 8111  Credit: 1  Grade: 9-12  PEIMS# PES00001

BASEBALL VARSITY
Prerequisite: Coach approval
Course# 8112  Credit: 1  Grade: 9-12  PEIMS# PES00002

Baseball prepares students for competitive baseball. This is not a beginner’s course. During off-season players will participate in weight lifting, conditioning and baseball fundamentals. Competitive season begins in January and goes through April. Team sizes are limited and coaches will make player selections. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

BOYS BASKETBALL FRESHMEN
Prerequisite: Coach approval
Course# 8114  Credit: 1  Grade: 9  PEIMS# PES00000

BOYS BASKETBALL JV
Prerequisite: Coach approval
Course# 8116  Credit: 1  Grade: 9-12  PEIMS# PES00001

BOYS BASKETBALL VARSITY
Prerequisite: Coach approval
Course# 8117  Credit: 1  Grade: 9-12  PEIMS# PES00002

In Basketball, students prepare for competitive basketball. Participants work to improve the fundamentals that they already possess in the area of dribbling, passing, shooting and defense. The first semester covers fundamentals, strategy and competitive play. The competitive season begins in November and ends in February. During the off-season participants will lift weights, run and improve agility and technique. Team sizes are limited to all levels and coaches will make player selections. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

FOOTBALL FRESHMEN
Prerequisite: None
Course# 8125  Credit: 1  Grade: 9  PEIMS# PES00000

FOOTBALL JV
Prerequisite: Coach approval
Course# 8135  Credit: 1  Grade: 9-12  PEIMS# PES00001
FOOTBALL VARSITY  
Course# 8140  Credit: 1  Grade: 9-12  PEIMS# PES00002  
**Prerequisite:** Coach approval  
In Football, participants prepare for one of the three teams competing in scheduled UIL competition which lasts from September through November. During the off-season, students participate in weight lifting, running, agilities and technique days. Coaches will make player selection. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

GOLF FRESHMEN  
Course# 8145  Credit: 1  Grade: 9  PEIMS# PES00000  
**Prerequisite:** Coach approval

GOLF JV  
Course# 8146  Credit: 1  Grade: 9-12  PEIMS# PES00001  
**Prerequisite:** Coach approval

GOLF VARSITY  
Course# 8147  Credit: 1  Grade: 9-12  PEIMS# PES00002  
**Prerequisite:** Coach approval

Golf is designed for boys’ and girls’ competitive golf teams. Students must have golf clubs and appropriate equipment and must be prepared to pay fees for practice rounds and driving range. Coaches will make player selections. This athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

BOYS SOCCER FRESHMEN  
Course# 8150  Credit: 1  Grade: 9  PEIMS# PES00000  
**Prerequisite:** Coach approval

BOYS SOCCER JV  
Course# 8151  Credit: 1  Grade: 9-12  PEIMS# PES00001  
**Prerequisite:** Coach approval

BOYS SOCCER VARSITY  
Course# 8152  Credit: 1  Grade: 9-12  PEIMS# PES00002  
**Prerequisite:** Coach approval

GIRLS SOCCER FRESHMEN  
Course# 8155  Credit: 1  Grade: 9  PEIMS# PES00000  
**Prerequisite:** Coach approval

GIRLS SOCCER JV  
Course# 8156  Credit: 1  Grade: 9-12  PEIMS# PES00001  
**Prerequisite:** Coach approval

GIRLS SOCCER VARSITY  
Course# 8157  Credit: 1  Grade: 9-12  PEIMS# PES00002  
**Prerequisite:** Coach approval

In soccer, students learn the rules of soccer and develop the skills needed to excel. Participants will work to improve the fundamentals that they already possess in the areas of dribbling, passing, shooting, and defense. Participants prepare for one of three teams competing in scheduled UIL competition which lasts from January through April. Coaches will make player selections. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

SOFTBALL FRESHMEN  
Course# 8160  Credit: 1  Grade: 9  PEIMS# PES00000  
**Prerequisite:** Coach approval

SOFTBALL JV  
Course# 8161  Credit: 1  Grade: 9-12  PEIMS# PES00001  
**Prerequisite:** Coach approval
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<td>Prerequisite: Coach approval</td>
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<td>Softball prepares students for competitive softball. During the off-season players will participate in weight lifting, conditioning and softball fundamentals. Competitive season starts in January and goes through April. Team sizes are limited and coaches will make player selections. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.</td>
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<td>Swimming is designed for the competitive swimmer. Summer league or USA swimming experience is strongly encouraged. Ability to compete in the four competitive strokes and personal times from either USAS or summer league meets is strongly encouraged. Team sizes are limited and coaches will make player selections. This athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.</td>
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<td>Tennis is designed to improve stroke production and selection for competitive play. Fall semester focuses on team tennis format, whereas spring semester focuses on individual tennis format and tournament play. Permission from the tennis coach is required. Acceptance to the class requires additional after school practice. Coaches will make player selections. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.</td>
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<td>Cross-Country is a co-ed sport that is only offered in the fall semester. Work is concentrated on the development of long-distance running. Cross Country meets are held on Saturday and all students are expected to attend these meets. Coaches will make player selections. This athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.</td>
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TRACK VARSITY
Course# 8177  Credit: 0.5  Grade: 9-12  PEIMS: PES00002
Prerequisite: Coach approval
Track is only offered in the spring semester. Students receive extensive training in the development of track and field techniques. Spring training prepares for competition. Coaches will make player selections. This athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

GIRLS VOLLEYBALL FRESHMEN
Course# 8185  Credit: 1  Grade: 9  PEIMS# PES00000
Prerequisite: None

GIRLS VOLLEYBALL JUNIOR VARSITY
Course# 8186  Credit: 1  Grade: 9-12  PEIMS# PES00001
Prerequisite: Coach approval

GIRLS VOLLEYBALL VARSITY
Course# 8187  Credit: 1  Grade: 9-12  PEIMS# PES00002
Prerequisite: Coach approval
In Volleyball during the fall semester, players participate as members of the Freshman, Junior Varsity, and Varsity teams in tournament and UIL competition. Activities during the off-season include weight lifting, running, agility and technique days. Coaches will make player selections. This two period athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

WRESTLING FRESHMEN
Course# 8190  Credit: 1  Grade: 9  PEIMS# PES00000
Prerequisite: None

WRESTLING JV
Course# 8191  Credit: 1  Grade: 9-12  PEIMS# PES00001
Prerequisite: Coach approval

WRESTLING VARSITY
Course# 8192  Credit: 1  Grade: 9-12  PEIMS# PES00002
Prerequisite: Coach approval
Wrestling participants prepare for two teams competing in scheduled UIL competition which lasts from November through February. During the off-season students participate in weight-lifting, running, agility and wrestling fundamentals. This athletics course is a PE substitution. Once total credits allowed have been earned, additional credits do not count toward graduation.

Note: Students who withdraw from athletics before completing their Physical Education graduation requirements must enroll in Foundations of Personal Fitness (8011) or another PE Substitution course.
HEALTH

HEALTH Course# 8021 Credit: 0.5 Grade: 9-12 PEIMS# 3810100
Prerequisite: None
In Health Education, students acquire the health information and skills necessary to become healthy adults. The Health Education course promotes wellness and health literacy, encouraging positive behavior to ensure a lifetime of health. Life skills are incorporated into the course objectives of all topics. Those life skills include making great decisions, using refusal skills, assessing your health, effectively setting goals, being a wise consumer, practicing wellness, coping and using community resources. Course fulfills graduation requirement for Health.

HEALTH SCIENCE THEORY Course# 77003 Credit: 1 Grade: 10-12 PEIMS# 13020400
Prerequisite: Principles of Health Science and Medical Terminology recommended
Looking for a career in healthcare? Want to be a doctor, nurse, or just want to see what Health Science is all about? Topics covered include effective communications, medical law and ethics, client care and safety, medical terminology and basic anatomy and physiology. This is the pre-requisite for Practicum in Health Science. [CHS/HHS/PHS/WHS] Advanced CTE Course

HEALTH COURSES FOR SPECIAL PROGRAMS

The following courses require ARD or LPAC committee approval and are only available for students with either limited English proficiency or who receive Special Education services.

Alternate

PERSONAL HEALTH Course# 8920 Credit: 0.5 Grade: 9-12 PEIMS: 03810100
Prerequisite: ARD approval
Personal Health provides information and skills necessary to become healthy adults. The course promotes wellness and encourages positive behavior to ensure a lifetime of health. Instruction is modified to meet individual student needs.
SPEECH

PROFESSIONAL COMMUNICATIONS
Prerequisite: None
Professional Communication blends oral, written and graphic communications in a career based environment using the skills and knowledge in technology applications for future success in career and college. Students will expand their skills to write, read, edit, speak, listen and use software and graphics, as well as internet research. This course will fulfill the required speech credit for graduation. [CHS/HHS/PHS]

ELECTIVES IN SPEECH

DEBATE I - SEM
Prerequisite: Teacher approval
This course is recommended for students who want to compete in debate and do not have their required communications credit. The fall semester debate class prepares students for required competition in UIL and TFA speech tournaments. Students must take Professional Communications in the spring semester. Tournament and practice attendance are expected and extensive out-of-class hours are required.

DEBATE I - YR
Prerequisite: Teacher Approval
This course is recommended for students who want to compete in debate and ALREADY have their required communications credit. The fall semester debate class prepares students for required competition in UIL and TFA speech tournaments. Tournament and practice attendance are expected and extensive out-of-class hours are required.

DEBATE II
Prerequisite: Debate I
This is an advanced level debate course for students interested in exploring current controversial issues. Students will further develop critical thinking and argumentation skills. As part of the course, students travel with and are members of their campus UIL/TFA speech & debate team. Tournament and practice attendance are expected and extensive out-of-class hours are required.

DEBATE III
Prerequisite: Debate II
This is an advanced level debate course for students interested in exploring current controversial issues. Students will further develop critical thinking and argumentation skills. As part of the course, students travel with and are members of their campus UIL/TFA speech & debate team. Tournament and practice attendance are expected and extensive out-of-class hours are required.

MEDIA LITERACY
Prerequisite: None
Students will develop their skill in understanding, analyzing, using and producing media intelligently. Students will understand how media influence our tastes, our behavior, our purchasing and our voting decisions and will use a variety of media including television, radio, film and other visual images and auditory messages.

PUBLIC SPEAKING I
Prerequisite: Teacher Approval
This course is recommended for students who want to compete in public speaking and do not have their required communications credit. The fall semester debate class prepares students for required competition in UIL and TFA speech tournaments. Students must take Professional Communications in the spring semester. Tournament and practice attendance are expected and extensive out-of-class hours are required.
PUBLIC SPEAKING I
Course# 1441 Credit: 1 Grade: 10-12 PEIMS# 3240900
Prerequisite: Professional Communications or CA
Students learn advanced concepts and skills of public speaking. Students will prepare, plan and deliver numerous informative and persuasive presentations. Students will demonstrate critical thinking and listening skills and will critique and evaluate persuasive messages of others. As part of the course, students travel with and are members of their campus UIL/TFA speech & debate team. Tournament and practice attendance are expected and extensive out-of-class hours are required.

PUBLIC SPEAKING II
Course# 1442 Credit: 1 Grade: 10-12 PEIMS# 3241000
Prerequisite: Public Speaking I or Debate I or teacher approval
Students will learn advanced concepts and skills of public speaking. Students will prepare, plan and deliver numerous informative and persuasive presentations. Students will demonstrate critical thinking and listening skills and will critique and evaluate persuasive messages of others. As part of the course, students travel with and are members of their campus UIL/TFA speech & debate team. Tournament and practice attendance are expected and extensive out-of-class hours are required.

PUBLIC SPEAKING III
Course# 1443 Credit: 1 Grade: 11-12 PEIMS# 3241100
Prerequisite: Public Speaking II or Debate II or teacher approval
Students will learn advanced concepts and skills of public speaking. Students will prepare, plan and deliver numerous informative and persuasive presentations. Students will demonstrate critical thinking and listening skills and will critique and evaluate persuasive messages of others. As part of the course, students travel with and are members of their campus UIL/TFA speech & debate team. Tournament and practice attendance are expected and extensive out-of-class hours are required.

ORAL INTERP I – SEM
Course# 1431 Credit: 0.5 Grade: 9-12 PEIMS# 3240200
Prerequisite: Teacher approval
This course is recommended for students who want to compete in oral interpretation and do not have their required Communications credit. Individual or group performances will be presented and evaluated as well as competitive assignments in fields of choice. Students must take Professional Communications in the spring semester. Tournament and practice attendance are expected and extensive out-of-class hours are required.

ORAL INTERP I - YR
Course# 1431 Credit: 1 Grade: 9-12 PEIMS# 3240200
Prerequisite: Teacher Approval
This course is recommended for students who want to compete in oral interpretation and ALREADY have their required communications credit. Individual or group performances will be presented and evaluated as well as competitive assignments in fields of choice. As part of the course, students travel with and are members of their campus UIL/TFA speech & debate team. Tournament and practice attendance are expected and extensive out-of-class hours are required.

ORAL INTERP II
Course# 1432 Credit: 1 Grade: 10-12 PEIMS# 3240300
Prerequisite: Oral Interp I or Teacher Approval
This is an advanced oral reading and performance course. Students will select, research, analyze, adapt, interpret and perform a literary text while focusing on intellectual, emotional, sensory and aesthetic levels of texts. As part of the course, students travel with and are members of their campus UIL/TFA speech & debate team. Tournament and practice attendance are expected and extensive out-of-class hours are required.

ORAL INTERP III
Course# 1433 Credit: 1 Grade: 11-12 PEIMS# 3240400
Prerequisite: Oral Interp II
This is an advanced oral reading and performance course. Students will select, research, analyze, adapt, interpret and perform a literary text while focusing on intellectual, emotional, sensory and aesthetic levels of texts. As part of the course, students travel with and are members of their campus UIL/TFA speech & debate team. Tournament and practice attendance are expected and extensive out-of-class hours are required.

INDEPENDENT
Course# 1406 Credit: 1 Grade: 12 PEIMS# 3241200
STUDY IN SPEECH
Prerequisite: Debate 1-3 / Public Speaking 1-3 / Oral Interp. 1-3
Students will prepare, plan and deliver numerous informative and persuasive presentations. Students will also prepare, plan and participate in numerous competitive debates. Competition in UIL and TFA speech tournaments is required. Extensive out-of-school hours, including advanced research and case writing, are required.
FINE ARTS

Visual Arts

ART I  Course# 6110  Credit: 1  Grade: 9-12  PEIMS# 3500100
Prerequisite: None
Students may fulfill fine arts or elective requirements for graduation by successfully completing this course. Beginning art encompasses a wide variety of experiences, from elements and principles of art to art history. Students are exposed to a variety of media both two and three dimensional, pencil, ink, charcoal, pastel, tempera, watercolor, clay and printmaking. Some media may vary. The goal is for students to gain an understanding and appreciation of art.

ART II CERAMICS  Course# 6125  Credit: 1  Grade: 10-12  PEIMS# 3500900
Prerequisite: Art I

ART III CERAMICS  Course# 6135  Credit: 1  Grade: 11-12  PEIMS# 3501800
PRE-AP  Prerequisite: Art I and Art II Ceramics
This course is an advanced course designed to study clay construction techniques and procedures. Art lessons in hand build construction, modeling and forming clay sculptures, and the use of the pottery wheel will be explored.

ART II DRAWING  Course# 6121  Credit: 1  Grade: 10-12  PEIMS# 3500500
Prerequisite: Art I

ART III DRAWING  Course# 6131  Credit: 1  Grade: 11-12  PEIMS# 3501300
PRE-AP  Prerequisite: Art I and Art Drawing II
The students will express ideas through original artworks using a variety of drawing media. They will be able to apply design skills in creating practical applications. The students will study historical periods, as well as critique artwork.

ART II PAINTING  Course# 6122  Credit: 1  Grade: 10-12  PEIMS# 3500600
Prerequisite: Art I

ART III PAINTING  Course# 6132  Credit: 1  Grade: 11-12  PEIMS# 3501400
PRE-AP  Prerequisite: Art I and Art Painting
The students will express ideas through original artworks, using a variety of painting media. They will be able to apply design skills in creating practical applications. The students will study historical periods, as well as critique artwork.

ART II SCULPTURE  Course# 6123  Credit: 1  Grade: 10-12  PEIMS# 3501000
Prerequisite: Art I

ART III SCULPTURE  Course# 6133  Credit: 1  Grade: 11-12  PEIMS# 3501900
PRE-AP  Prerequisite: Art I and Art II Sculpture
Students may fulfill an elective requirement for graduation by successfully completing this course. Students will express ideas through original artworks, using a variety of 3-D media. They will be able to express their thoughts and ideas creatively, while challenging their imagination. The students will study historical periods, as well as critique artwork.

ART III HISTORY  Course# 6130  Credit: 1  Grade: 11-12  PEIMS# 3501700
PRE-AP  Prerequisite: Art I, Art II
This course introduces students to the understanding, appreciation and enjoyment of works of art. Students will be exposed to a general survey of art history including architecture, sculpture painting and other art forms within historical and cultural contexts. Students will examine major forms of artistic expression from the past to the present, as well as from a variety of cultures. Students will learn to look at works critically, with intelligence and sensitivity and to articulate what they see and experience.
AP ART HISTORY  
Course# 6155  Credit: 1  Grade: 11-12  PEIMS# 3500100

Prerequisite: Recommended successful completion of English II

Students study historical aspects of major artworks and artists and learn the importance of specific art works to particular societies. They explore works from selected periods and artists as major sources of motivation and enrichment. They also view visual materials, visit museums and studios, and listen to visiting artists to gain knowledge and appreciation of art and the importance of art careers in society.

The following Advanced Placement Art, college level course offers a rigorous and accelerated curriculum that prepares students to submit portfolios for the AP Art exam for possible college credit. Critical and creative thinking skills are developed through the production and critical analysis of 2-D and 3-D art. Students self-determine appropriate directions in which to develop artistic themes and media.

ART DRAWING AP  
Course# 6151  Credit: 1  Grade: 11-12  PEIMS# A3500300

Prerequisite: Art I, Art II

ART 2D DESIGN AP  
Course# 6152  Credit: 1  Grade: 11-12  PEIMS# A3500400

Prerequisite: Art I, Art II

ART 3D DESIGN AP  
Course# 6153  Credit: 1  Grade: 11-12  PEIMS# A3500500

Prerequisite: Art I, Art II

FLORAL DESIGN  
Course# 70010  Credit: 1  Grade: 10-12  PEIMS# 13001800

Prerequisite: None

Have an eye for design? Principles and Elements of Floral Design prepares students with the skills and understanding of design principles and techniques in floral design. Students are given hands-on experiences using a variety of floral materials such as live plants, silk flowers and other items. Students will learn to make mums, floral arrangements and learn planning techniques for weddings and other major events. Course will fulfill the required fine art credit for graduation. [HHS/PHS]

Band

In Band I-IV, students will perform musical compositions designed for concert performances. The band performs at UIL Concert and Sight-reading contests, and various state and national festivals when possible. There are opportunities for individual achievement through auditions for district, region, area, All-State Band and through UIL Solo and Ensemble competition. Students in this course should also register for Instrumental Ensemble I-IV for the full year and fall semester zero hour PE Substitution Marching Band is required. A maximum of one PE credit may be earned for marching band in a student's high school career.

In Instrumental Ensemble I-IV, students will perform musical compositions that are designed for concert and marching performances. The students in this ensemble perform at UIL Concert and Sight-reading contests, and various state and national festivals when possible. There are opportunities for individual achievement through auditions for district, region, area, All-State Band and through UIL Solo and Ensemble competition.

BAND I  
Course# 6341  Credit: 1  Grade: 9-12  PEIMS# 3150100

Prerequisite: Audition and director approval

INSTRUMENTAL ENSEMBLE I- BAND  
Course# 6351  Credit: 1  Grade: 9-12  PEIMS# 3151700

Prerequisite: None

Students in this course should also register for Instrumental Ensemble (6351) for the full year and fall semester zero hour PE Substitution Marching Band (6311) is required. A maximum of one PE credit may be earned for marching band in a student's high school career.
**BAND II**
Prerequisite: Band I
Course# 6342 Credit: 1 Grade: 10-12 PEIMS# 3150200

**INSTRUMENTAL ENSEMBLE II- BAND**
Prerequisite: Band I
Students in this course should also register for Instrumental Ensemble I (6352) for the full year and fall semester zero hour PE Substitution Marching Band (6311) is required. A maximum of one PE credit may be earned for marching band in a student's high school career.

Course# 6352 Credit: 1 Grade: 10-12 PEIMS# 3151800

**BAND III**
Prerequisite: Band II
Course# 6343 Credit: 1 Grade: 11-12 PEIMS# 3150300

**INSTRUMENTAL ENSEMBLE III- BAND**
Prerequisite: Band II
Students in this course should also register for Instrumental Ensemble (6353) for the full year and fall semester zero hour PE Substitution Marching Band (6310) is required. A maximum of one PE credit may be earned for marching band in a student's high school career.

Course# 6353 Credit: 1 Grade: 11-12 PEIMS# 3151900

**BAND IV**
Prerequisite: Band III
Course# 6344 Credit: 1 Grade: 12 PEIMS# 3150400

**INSTRUMENTAL ENSEMBLE IV- BAND**
Prerequisite: Band III
Students in this course should also register for Instrumental Ensemble I (6354) for the full year and fall semester zero hour PE Substitution Marching Band (6310) is required. A maximum of one PE credit may be earned for marching band in a student's high school career.

Course# 6354 Credit: 1 Grade: 12 PEIMS# 3152000

**COLOR GUARD I**
Prerequisite: Audition and approved by director
Course# 6321 Credit: 2 Grade: 9-12 PEIMS# 3150100

**COLOR GUARD II**
Prerequisite: Color Guard I
Course# 6322 Credit: 2 Grade: 10-12 PEIMS# 3150200

**COLOR GUARD III**
Prerequisite: Color Guard II
Course# 6323 Credit: 2 Grade: 11-12 PEIMS# 3150300

**COLOR GUARD IV**
Prerequisite: Color Guard III
In Color Guard, students will perform flag, equipment, prop and dance routines with the Marching Band in the fall semester. The Color Guard performs at all events as stated in the Marching Band descriptor. In spring semester Color Guard performs at various state and national competitions when possible. There are opportunities for individual achievement through solo and ensemble competitions. This course awards fine art credit. Fall semester zero hour PE Substitution Marching Band (6311) is required. This two period course only awards one credit toward graduation.

Course# 6324 Credit: 2 Grade: 12 PEIMS# 3150400

**JAZZ BAND I**
Prerequisite: Audition and approval by director
Course# 6331 Credit: 1 Grade: 9-12 PEIMS# 3151300

**JAZZ BAND II**
Prerequisite: Audition and approval by director
Course# 6332 Credit: 1 Grade: 10-12 PEIMS# 3151400

**JAZZ BAND III**
Prerequisite: Audition and approval by director
Course# 6333 Credit: 1 Grade: 11-12 PEIMS# 3151500
JAZZ BAND IV
Course# 6334  Credit: 1  Grade: 12  PEIMS# 3150600
Prerequisite: Audition and approval by director
In jazz band, students will perform musical compositions which are designed for jazz performances. Included is the study and performance of jazz, Latin, swing, blues and rock styles. The Jazz Ensemble performs at school and community functions, as well as state and national festivals when possible. Students will meet during outside-school hours.

**Choir**

Choir I and II are developing choirs that emphasize sight-reading, basic music skills, vocal development, vocal blending and music theory. Many performance and contest opportunities are available. Previous choral experience is not necessary. Choir III and IV are the most advanced choirs emphasizing sight reading, difficult music and demanding vocal skills. Many performance and contest opportunities are available. Previous choral experience is necessary. This class is to be taken with Vocal Ensemble III (6423).

| CHOIR I   | Course# 6411  Credit: 1  Grade: 9-12  PEIMS# 3150900 |
|------------|------------------|------------------|------------------|
| CHOIR II   | Course# 6412  Credit: 1  Grade: 10-12  PEIMS# 3151000 |

| CHOIR III  | Course# 6413  Credit: 1  Grade: 11-12  PEIMS# 3151100 |
| CHOIR IV   | Course# 6414  Credit: 1  Grade: 12  PEIMS# 3151200 |

Prerequisite: None

These classes are to be taken with Vocal Ensembles I-IV (6421-6424).

| VOCAL ENSEM. I | Course# 6421  Credit: 1  Grade: 9-12  PEIMS# 3152100 |
|----------------|------------------|------------------|------------------|
| VOCAL ENSEM. II| Course# 6422  Credit: 1  Grade: 10-12  PEIMS# 3152200 |
| VOCAL ENSEM. III| Course# 6423  Credit: 1  Grade: 11-12  PEIMS# 3152300 |
| VOCAL ENSEM. IV| Course# 6424  Credit: 1  Grade: 12  PEIMS# 3152400 |

Prerequisite: Audition and director approval

Students must audition and have director consent to participate in this class. These classes are to be taken with Choirs I-IV (6411-6414).

**Dance**

DANCE I - PE AEROBIC ACTIVITY
Course# 6511  Credit: 1  Grade: 9-12  PEIMS# PES00054
Prerequisite: None

Dance I is designed for students with a desire to learn about dance as an art. This course is an introduction to all basic dance principles (tap, ballet, jazz, hip hop, modern, lyrical, fitness education and social dance) including terminology and history of all dance forms. Students will learn stretching techniques and choreographic skills, as well as participate in small and large group routines. They will also develop artistic judgment and self-discipline. This class requires specific attire and may require one out of school performance. This course will count for PE credit.

| DANCE I   | Course# 6510  Credit: 1  Grade: 9-12  PEIMS# 3830100 |
|------------|------------------|------------------|------------------|
| DANCE II   | Course# 6512  Credit: 1  Grade: 10-12  PEIMS# 3830200 |
| DANCE III  | Course# 6513  Credit: 1  Grade: 11-12  PEIMS# 3830300 |

Prerequisite: Counselor Approval

This course is for limited campus use for students who are taking Dance I who need fine art or elective credit instead of PE credit. This course number cannot be repeated for more than one credit.
DANCE IV  
**Course# 6514  Credit: 1  Grade: 12  PEIMS# 3830400**

**Prerequisite:** Dance II or III or instructor approval  
Dance II - IV elaborate on the skills and concepts introduced in prior dance courses. The student will be provided opportunities to create expressive dance phrases, practice choreographic forms and analyze dance performances. The students will begin to individually research dance history and culture. This class requires specific attire and has the potential for one required outside of school performance per semester. This course will count for fine art or elective credit.

**Drill Team**

The Drill Team I-IV is a performing/service organization composed of students who are selected for membership by auditioning for a panel of judges. This group rehearses outside of regular school hours and meets daily. The team performs at athletic events, pep rallies, contests, community events and shows throughout the year.

**DRILL TEAM I  
Course# 6591  Credit: 1  Grade: 9-12  PEIMS# 3830100**

**Prerequisite:** Instructor approval  
This course is to be taken with Dance Performance Ensemble I (6516). This course may count for fine art or elective credit.

**DANCE PERFORMANCE ENS I  
Course# 6516  Credit: 1  Grade: 9  PEIMS# N1170034**

**Prerequisite:** Instructor approval  
This course is to be taken in conjunction with Drill Team I (6591).

**DRILL TEAM – PE SUBSTITUTION  
Course# 6581  Credit: 1  Grade: 9-12  PEIMS# PES00014**

**Prerequisite:** Counselor Approval/Instructor approval  
This course is for limited campus use for students participating in Drill Team who need PE credit instead of fine art or elective credit. This course number cannot be repeated for more than one credit. This course is to be taken with Dance Performance Ensemble I (6516).

**DRILL TEAM II  
Course# 6592  Credit: 1  Grade: 10-12  PEIMS# 3830200**

**Prerequisite:** Instructor approval  
This course is to be taken with Dance Performance Ensemble II (6517). This course may count for fine art or elective credit.

**DANCE PERFORMANCE ENS II  
Course# 6517  Credit: 1  Grade: 10  PEIMS# N1170035**

**Prerequisite:** Instructor approval  
This course is to be taken in conjunction with Drill Team II (6592).

**DRILL TEAM III  
Course# 6593  Credit: 1  Grade: 11-12  PEIMS# 3830300**

**Prerequisite:** Instructor approval  
This course is to be taken with Dance Performance Ensemble III (6518). This course may count for fine art or elective credit.

**DANCE PERFORMANCE ENS III  
Course# 6518  Credit: 1  Grade: 11  PEIMS# N1170036**

**Prerequisite:** Instructor approval  
This course is to be taken in conjunction with Drill Team III (6593).

**DRILL TEAM IV  
Course# 6594  Credit: 1  Grade: 12  PEIMS# 3830400**

**Prerequisite:** Instructor approval  
This course is to be taken with Dance Performance Ensemble IV (6519). This course may count for fine art or elective credit.
DANCE Course# 6519 Credit: 1 Grade: 12 PEIMS# N1170037
PERFORMANCE ENS IV
Prerequisite: Instructor approval
This course is to be taken in conjunction with Drill Team IV (6594).

Music

APPLIED MUSIC I Course# 6011 Credit: 1 Grade: 9-12 PEIMS# 3152500
Prerequisite: Music Director approval
Students will perform a mastery based curriculum on their principle instrument. Topics will include the performance of various fundamentals such as scales, arpeggios, etudes and sight-reading. The students will also perform chamber works, solo literature and TMEA All State audition material.

MUSIC THEORY I Course# 6021 Credit: 1 Grade: 9-12 PEIMS# 03155400
Prerequisite: None
Students will be required to read and understand music. Students will define concepts of intervals, music notation, chord structure, rhythm/meter and musical performances using standard terminology. Students will be asked to read and write music that incorporates rhythmic patterns in simple, compound and asymmetric meter; and interpret music symbols and terms referring to dynamics, tempo and articulation. This course will count for the required fine arts credit.

MUSIC THEORY Course# 6022 Credit: 1 Grade: 9-12 PEIMS# 03155400
PRE-AP
Prerequisite: Read and understand music; Knowledge of Music Theory
Students will be required to define concepts of intervals, music notation, chord structure, rhythm / meter and musical performances using standard terminology. Students will be asked to read and write music that incorporates rhythmic patterns in simple, compound and asymmetric meter; and interpret music symbols and terms referring to dynamics, tempo and articulation. This course will prepare students for Music Theory AP. This course will count for the required fine arts credit.

MUSIC THEORY AP Course# 6025 Credit: 1 Grade: 9-12 PEIMS# A3150200
Prerequisite: Music Theory I
AP Music Theory is intended for secondary school students who have completed music studies comparable to a first-year college course in music theory. Curriculum includes: Elements of pitch and rhythm; construction of chords and understanding harmonic progression; and tonal harmony. This course will count for the required fine arts credit.

Orchestra

Members of orchestra are experienced instrumental musicians who will focus on refining their instrumental techniques, music reading and listening skills. Students also learn music history and literature through performance. They will have the opportunity to explore careers in music. This orchestra may perform in UIL and other concert and sight-reading contests.

Students may audition for All Region and All-State Orchestras. Students may also participate in UIL Solo and Ensemble contests at region and state levels. Concerts are presented throughout the year.

ORCHESTRA I Course# 6361 Credit: 1 Grade: 9-12 PEIMS# 3150500
Prerequisite: Instructor approval

INSTRUMENTAL ENS I – ORCHESTRA Course# 6366 Credit: 1 Grade: 9 PEIMS# 3151700
Prerequisite: This class is to be taken by students in conjunction with Orchestra I (6366).

ORCHESTRA II Course# 6362 Credit: 1 Grade: 10-12 PEIMS# 3150600
Prerequisite: Orchestra I
INSTRUMENTAL

ENS II- ORCHESTRA
Prerequisite: Orchestra I
This class is to be taken by students in conjunction with Orchestra II (6362).

ORCHESTRA III
Prerequisite: Orchestra II
This class is to be taken with Instrumental Ensemble III (6368).

INSTRUMENTAL
ENS III- ORCHESTRA
Prerequisite: Orchestra III
This class is to be taken by students in conjunction with Orchestra III (6363).

ORCHESTRA IV
Prerequisite: Orchestra III
This class is to be taken with Instrumental ensemble IV (6369).

INSTRUMENTAL
ENS IV- ORCHESTRA
Prerequisite: Orchestra III
This class is to be taken by students in conjunction with Orchestra IV (6364).

Theatre Arts

THEATRE ARTS I
Prerequisite: None

THEATRE ARTS II
Prerequisite: Level I

THEATRE ARTS III
Prerequisite: Level II

THEATRE ARTS IV
Prerequisite: Theatre Arts II or III
Theatre Arts I-IV courses will focus on performance. Special emphasis will be given to character development, voice and diction and body control. This course will begin the study of theatre history and acting styles. Directing will be studied. All aspects of production from a technical standpoint (set design, lights, sound, etc.) will be explored. This course requires extended rehearsals with some after school, nights and weekends.

TECHNICAL THEATRE I
Prerequisite: None

TECHNICAL THEATRE II
Prerequisite: Level I

TECHNICAL THEATRE III
Prerequisite: Level II
TECHNICAL Course# 6234 Credit: 1 Grade: 12 PEIMS# 3251200
THEATRE IV
Prerequisite: Level II or III
Technical Theatre I-IV will cover stage design, publicity, lighting, sound and other aspects of theatrical production. Theatre history and careers in theatre will also be discussed.

MUSICAL THEATER I Course# 6241 Credit: 1 Grade(s) 9-12 PEIMS# 1170069
Prerequisite: Audition and director approval

MUSICAL THEATER II Course# 6242 Credit: 1 Grade(s) 10-12 PEIMS# 1170109
Prerequisite: Level I, Instructor approval

MUSICAL THEATER III Course# 6243 Credit: 1 Grade(s) 11-12 PEIMS# 1170110
Prerequisite: Level II, Instructor approval

MUSICAL THEATER IV Course# 6244 Credit: 1 Grade 12 PEIMS# 1170115
Prerequisite: Level II or III, Instructor approval
Music Theater will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance.
TECHNOLOGY APPLICATIONS

Students entering 9th grade before the 2011-2012 school year are required to have one credit of Technology Applications for graduation. Students may satisfy this requirement by taking one full credit of any of the following courses.

FUNDAMENTALS OF COMPUTER SCIENCE
Prerequisite: Proficiency in the knowledge and skills relating to Technology Applications, Grades 6-8
(Preferred) Technology Applications Grade 6 and Technology Applications Grade 7 and 8
Students will foster their creativity through multiple opportunities to design, implement, and present solutions to real-world problems as they use computer science knowledge and skills to support their work as an individual and in collaborative groups as they select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will participate in projects that use problem-solving and reasoning skills to develop the principles of computer science through the study of technology operations and concepts.

COMPUTER SCIENCE I
Course# 3411 Credit: 1 Grade: 9-12 PEIMS# 03580200
Prerequisite: Algebra I
Developing foundational computational practices and computer programming designs that support an inquiry approach to solving problems and creating artifacts is the focus of this course. Students will delve into real world computing problems that are culturally relevant and address social and ethical issues while delivering foundational computer science knowledge to students. Students will engage in several in depth group projects to demonstrate the real world applications of computing. Completion of this course prepares the student for Art of Video Game Technology, Computer Science II or AP Computer Science (includes the AP CS exam prep).

COMPUTER SCIENCE II
Course# 3412 Credit: 1 Grade: 11-12 PEIMS# 3580300
Pre-AP
Prerequisite: Algebra I and either Computer Science I or Fundamentals of Computer Science.
Recommended: Concurrent enrollment or completion of Geometry
This course continues to build the knowledge of programming languages. Working in collaborative environments student groups will create simulations that model real world problems and evaluate their solutions. Course topics include advanced data structures, sorting and searching algorithms, dynamic memory allocation, algorithmic analysis and object-oriented programming. This course does not include the AP Exam. This course may not count as a Math credit.

COMPUTER SCIENCE II
Course# 3421 Credit: 1 Grade: 9-12 PEIMS# A3580300
AP
Prerequisite: Algebra I
The AP Computer Science Principles (Mobile CSP) course introduces the essential ideas of computer science and shows how computing and technology can influence the world around you. Students will explore societal issues that characterize 21st century computing, such as privacy, security, social networking. Projects include building socially useful mobile apps with App Inventor for Android and on computer science topics ranging from abstraction to algorithms to big data.

COMPUTER SCIENCE AP
Course# 3422 Credit: 1 Grade: 10-12 PEIMS# A3580100
Prerequisite: Algebra I and II
Recommended: Geometry
Students in the AP Computer Science course will use the Object Oriented programming language JAVA to write interactive programs for solving problems. Topics covered are data types, selection statements, looping, files, arrays, searching and sorting algorithms, graphics, inheritance, interfaces and classes. A student should be comfortable with functions and the concepts found in the uses of functional notation such as f(x) = x + 2 and f(x) = g(h(x)). Students will be expected to complete a large scale program such as a graphical animation. NOTES: The student will be eligible to take the AP Computer Science A exam. This course may count as a fourth math credit.
INDEPENDENT Course# 3441 Credit: 1 Grade: 10-12 PEIMS# 3580900

STUDY IN TECHNOLOGY
Prerequisite: Successful completion of a Technology Applications course must match topic of the Independent Study course. Example: Completion of AP Computer Science before enrolling in Independent Study of Computer Science.
Students will collaborate with a mentor to research a topic using a variety of technologies to publish and present a product of professional quality to an appropriate audience. It counts for elective credit only.

TECHNOLOGY APPLICATIONS COURSES FOR SPECIAL PROGRAMS

The following courses require ARD or LPAC committee approval and are only available for students with either limited English proficiency or who receive Special Education services.

Essential Academics

The following Essential Academics courses prepare students to apply technology skills to personal and workplace business situations. Instruction is modified to meet individual student needs.

BASIC Course# 7910 Credit: 1 Grade: 9-12 Local PEIMS#9BCOMPA

COMPUTER APPLICATIONS
Prerequisite: ARD approval
OTHER ELECTIVE COURSES

AP Capstone Program

AP Capstone™ is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP courses — AP Seminar and AP Research — and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses.

AP SEMINAR

Course# 9060  Credit: 1  Grade: 10  PEIMS# N1130026
Prerequisite: None
AP Seminar is the first course in the AP Capstone Program. AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

AP RESEARCH

Course# 9061  Credit: 1  Grade: 11  PEIMS# N1100014
Prerequisite: Students must have successfully completed the AP Seminar course.
AP Research is the second course in the AP Capstone Program. AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

AVID

Prerequisite: Middle school AVID and/or interview-application process. AVID students must enroll in rigorous college preparatory courses.

The AVID Advancement Via Individual Determination (AVID) I-IV elective classes during the school day that provides academic support. Students learn organizational and study skills, work on critical thinking and asking probing questions, get academic help from peers and college tutors, and participate in enrichment and motivational activities that make college seem attainable. The AVID elective class is intended to be an elective choice for all four years of a student’s high school career. AVID places identified students in a rigorous curriculum and gives them the support to succeed. The AVID curriculum focuses on writing, inquiry, collaboration, organization and reading (WICOR) and includes specific strategies for note taking, test preparation, and research. The three main components of the program are academic instruction, tutorial support and motivational activities.

AVID I

Course# 9071  Credit: 1  Grade: 9  PEIMS# N1290001
AVID II

Course# 9072  Credit: 1  Grade: 10  PEIMS# N1290002
AVID III

Course# 9073  Credit: 1  Grade: 11  PEIMS# N1290030
AVID IV

Course# 9074  Credit: 1  Grade: 12  PEIMS# N1290033
The AVID I-IV elective classes provide academic and social support for students entering rigorous coursework for the first time in their educational career. AVID I-IV provides schools a mechanism for elevating previously middle performing students up to completion of at least the Recommended High School Program. Instructional activities target
skill development in areas specifically aligned with success in rigorous courses in the foundation content areas. These areas include a focus on writing, inquiry, collaboration, organization, and reading (WICOR strategies).

**PEER ASSISTANCE LEADERSHIP**  
**Course#** 9901  
**Credit:** 1  
**Grade:** 11-12  
**PEIMS#** N1290005  
**Prerequisite:** Teacher approval

The PAL course is a peer-helping program in which selected high school students will be trained to work as peer facilitators with other students on their own campus, and/or from feeder middle and elementary schools. Participants will be trained in a variety of helping skills. [HHS/PHS]

**ROTC I - PE SUBSTITUTION**  
**Course#** 8501  
**Credit:** 1  
**Grade:** 9-12  
**PEIMS#** PES00004  
**Prerequisite:** None

This course teaches students the positive attitudes of personal integrity, leadership knowledge and skills, discipline, self-reliance, good citizenship and patriotism. Basic training leadership, physical fitness, drill, marksmanship and military organization are taught. This course will count for one credit of physical education. [HHS/PHS (awaiting final confirmation from Secretary of Navy)]

**ROTC II**  
**Course#** 8502  
**Credit:** 1  
**Grade:** 10-12  
**PEIMS#** 3160200  
**Prerequisite:** ROTC I

This course explores each subject in greater detail than LE I and emphasizes leadership theory, style and principles. Some leadership roles are assigned to second year cadets. This course earns state elective credit. [HHS/PHS (awaiting final confirmation from Secretary of Navy)]

**ROTC III**  
**Course#** 8503  
**Credit:** 1  
**Grade:** 11-12  
**PEIMS#** 3160300  
**Prerequisite:** ROTC II

This third year course is designed for juniors or seniors. It emphasizes leadership training and leadership application. The majority of the cadet leaders, rifle team, drill team, color guard and physical fitness team members are usually third year cadets. This course earns state elective credit. [HHS/PHS (awaiting final confirmation from Secretary of Navy)]

**ROTC IV**  
**Course#** 8504  
**Credit:** 1  
**Grade:** 12  
**PEIMS#** 3160400  
**Prerequisite:** ROTC III

This fourth year course is designed for seniors. It includes participation in leadership research and presentation of leadership talks. Practical application of leadership is emphasized. This course earns state elective credit. [HHS/PHS (awaiting final confirmation from Secretary of Navy)]

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**ELECTIVE COURSES FOR SPECIAL PROGRAMS**

The following courses require ARD or LPAC committee approval and are only available for students with either limited English proficiency or who receive Special Education services.

**Modified**

The following Modified SPED courses focus on study skills necessary for high school success. Instruction is modified to meet individual student needs.

**CONTENT MASTERY**  
**Course#** 9804  
**Credit:** 1  
**Grade:** 9-12  
**Local PEIMS#** SR000010  
**Prerequisite:** ARD approval

**LEARNING LAB 1**  
**Course#** 9121  
**Credit:** 1  
**Grade:** 9-12  
**Local PEIMS#** 9LLAB

**LEARNING LAB 2**  
**Course#** 9122  
**Credit:** 1  
**Grade:** 10-12  
**Local PEIMS#** 9LLAB

**LEARNING LAB 3**  
**Course#** 9123  
**Credit:** 1  
**Grade:** 11-12  
**Local PEIMS#** 9LLAB

**LEARNING LAB 4**  
**Course#** 9124  
**Credit:** 1  
**Grade:** 12  
**Local PEIMS#** 9LLAB

73
Prerequisite: *ARD approval*

**SKILLSTREAMING 1**  
Course# 9111  Credit: 1  Grade: 9-12  LocalPEIMS# 9SKILSTA

**SKILLSTREAMING 2**  
Course# 9112  Credit: 1  Grade: 9-12  LocalPEIMS#ADVSKLA

**SKILLSTREAMING 3**  
Course# 9113  Credit: 1  Grade: 9-12  LocalPEIMS#9SKILSTB

**SKILLSTREAMING 4**  
Prerequisite: *ARD approval*  
Course# 9114  Credit: 1  Grade: 9-12  LocalPEIMS#ADVSKLB

Skillstreaming I-IV will focus on the development of the necessary social skills for navigating real world situations. Instruction will be modified to meet individual student needs.

**Alternate**

The following Essential Academics and VAC courses focus on the development of skills for the work place. Instruction is modified to meet individual student needs. *ARD approval* needed to enroll in all courses.

**PERSONAL ADVOCACY SKILLS**  
Prerequisite: *ARD approval*  
Course# 1927  Credit: 1  Grade: 9-12  PEIMS: 8PERSADV

**REC/LEISURE 1**  
Prerequisite: *ARD approval*  
Course# 8921  Credit: 1  Grade: 9-12  PEIMS: 8RECLEIS1

**REC/LEISURE 2**  
Prerequisite: *ARD approval*  
Course# 8922  Credit: 1  Grade: 9-12  PEIMS: 8RECLEIS2

**REC/LEISURE 3**  
Prerequisite: *ARD approval*  
Course# 8923  Credit: 1  Grade: 9-12  PEIMS: 8RECLEIS3

**EMPLOYABILITY SKILLS 1**  
Prerequisite: *ARD approval*  
Course# 7921  Credit: 1  Grade: 9-12  PEIMS: 8EMPLSK1

**EMPLOYABILITY SKILLS 2**  
Prerequisite: *ARD approval*  
Course# 7922  Credit: 1  Grade: 9-12  PEIMS: 8EMPLSK2

**EMPLOYABILITY SKILLS 3**  
Prerequisite: *ARD approval*  
Course# 7923  Credit: 1  Grade: 9-12  PEIMS: 8EMPLSK3

**EMPLOYABILITY SKILLS 4**  
Prerequisite: *ARD approval*  
Course# 7924  Credit: 1  Grade: 9-12  PEIMS: 8EMPLSK4

**EMPLOYABILITY SKILLS 5**  
Prerequisite: *ARD approval*  
Course# 7925  Credit: 1  Grade: 9-12  PEIMS: 8EMPLSK5

**CAREER EDUCATION 1**  
Prerequisite: *ARD approval*  
Course# 7931  Credit: 1  Grade: 9-12  PEIMS: 8CARED1

**CAREER EDUCATION 2**  
Prerequisite: *ARD approval*  
Course# 7932  Credit: 1  Grade: 9-12  PEIMS: 8CARED2

**CAREER EDUCATION 3**  
Prerequisite: *ARD approval*  
Course# 7933  Credit: 1  Grade: 9-12  PEIMS: 8CARED3

**CAREER EDUCATION 4**  
Prerequisite: *ARD approval*  
Course# 7934  Credit: 1  Grade: 9-12  PEIMS: 8CARED4
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<td>PRACTICUM AGRICULTURE, FOOD, NATURAL RESOURCES 2</td>
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CAREER & TECHNICAL EDUCATION

Courses in this section are listed under the Achieve Texas Career Clusters. Review your campus Pathways to identify courses within your planned sequences.

Agriculture, Food & Natural Resources

PRINCIPLES OF AG, FOOD & NATURAL RESOURCES  
Course# 70001  Credit: 1  Grade: 9-12  PEIMS#13000200

Prerequisite: None
Interested in the technical world of agriculture? Want to develop your leadership potential? Principles of Agriculture, Food and Natural Resources is designed to enhance understanding of the agriculture industry. Students will develop skills related to plant and animal systems, food production, mechanical systems, entrepreneurship, leadership and environmental sciences. [HHS/PHS/WH]  

LIVESTOCK PRODUCTION  
Course# 70002  Credit: 1  Grade: 10-12  PEIMS#13000300

Prerequisite: None
Livestock Production is designed to develop knowledge and skills pertaining to the selection, nutrition, reproduction, health and management of cattle, lamb, goats, swine and other species. [HHS/PHS/4H] Advanced CTE Course

SMALL ANIMAL MANAGEMENT  
Course# 70003  Credit: 0.5  Grade: 10-12  PEIMS#13000400

Prerequisite: None
Small Animal Management is a course that is an overview of the small animal industry, including pet and exotic animals. Topics include species, breeds, animal health, reproduction, genetics, facilities, equipment and marketing. Students are given opportunities to work with small animals in a controlled environment. [HHS/PHS/WH] Advanced CTE Course

EQUINE SCIENCE  
Course# 70004  Credit: 0.5  Grade: 10-12  PEIMS#13000500

Prerequisite: None
Equine Science is designed to develop knowledge and skills pertaining to the selection, nutrition, reproduction, health and management of horses. [HHS/PHS/WH] Advanced CTE Course

VETERINARY MEDICAL APPLICATIONS  
Course# 70005  Credit: 1  Grade: 11-12  PEIMS#13000600

Prerequisite: Equine Science, Small Animal Management or Livestock Production
Veterinary Medical Applications is a course that is designed to introduce students to a career in Veterinary Science as the basic concepts and skills to the veterinary industry. Such skills include safety and sanitation, terminology, hospital management and proper handling and restraining techniques. During this course students will obtain the knowledge and skills that are essential in any veterinary setting. [HHS/PHS] Advanced CTE Course

PROFESSIONAL STANDARDS IN AGRIBUSINESS  
Course# 70007  Credit: 0.5  Grade: 10-12  PEIMS#13000800

Prerequisite: None
Personal Skill Development is designed to develop agricultural leadership, citizenship, and cooperation. It includes topics in personal development, employee-employer relations, problem solving, group and interpersonal communication skills, safety, entrepreneurship, record keeping, and career opportunities. [PHS] Advanced CTE Course

AGRICBUSINESS MANAGEMENT  
Course# 70008  Credit: 1  Grade: 10-12  PEIMS#13000900

Prerequisite: None
Course Description: Course study of economic principles, budgeting, record keeping, finance, risk management, business law, marketing and careers in agribusiness [PHS] Advanced CTE Course
WILDLIFE, FISHERIES & ECOLOGY MANAGEMENT

**Course# 70009**  
**Credit:** 1  
**Grade:** 10-12  
**PEIMS#13001500**

**Prerequisite:** None

Wildlife, Fisheries, and Ecology Management is designed to examine the importance of wildlife, outdoor recreation and ecological concepts with emphasis on wildlife species identification and management of natural resources. Note: Hunter Safety Certification available. [HHS/PHS] Advanced CTE Course

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<th>Course</th>
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<td>AGRICULTURAL MECHANICS &amp; METAL TECH</td>
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</table>

**Prerequisites**

- FLORAL DESIGN: None
- HORTICULTURE SCIENCE: None
- AGRICULTURAL MECHANICS & METAL TECH: None
- AGRICULTURAL STRUCTURES & DESIGN & FABRICATION: Ag Mechanics & Metal Fabrication
- AGRICULTURAL EQUIPMENT DESIGN & FABRICATION: Ag Structures Design & Fabrication
- PRACTICUM IN AGRICULTURE: Prior Ag Science Course Completion

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food and natural resources, students must attain academic skills and knowledge, 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. [HHS] Advanced CTE Course
ADVANCED FLORAL DESIGN  Course# 70017  Credit: 1  Grade: 11-12  PEIMS#N1300270
Prerequisite: Floral Design
Students will apply principles and elements of floral design to advanced and contemporary design styles. Students will explore entrepreneurship opportunities in the floral industry, management, business procedures, and professional practices associated with retail floristry. Students will have the opportunity to gain an industry certification from the Texas State Floral Association. [HHS/PHS] Advanced CTE Course

Architecture & Construction

INTERIOR DESIGN I  Course# 71001  Credit: 1  Grade: 10-12  PEIMS#13004300
Prerequisite: None
Interior design is a course for students who enjoy art, sketching, drawing and using the computer. Topics include color, light, furniture styles and home construction. Class format includes projects such as building a model home, decorating your first apartment, dream kitchen contest and illustrated lectures and discussions. [CHS/HHS/PHS] Advanced CTE Course

INTERIOR DESIGN II  Course# 71002  Credit: 2  Grade: 11-12  PEIMS#13004400
Prerequisite: Interior Design I
In this course students will use prior knowledge and skills to work on a variety of professionally relevant interior design projects. Students will create a portfolio for prospective clients. [CHS/HHS/PHS] Advanced CTE Course

PRACTICUM IN INTERIOR DESIGN  Course# 71003  Credit: 2  Grade: 11-12  PEIMS# 13004500
Prerequisite: Interior Design II
Capstone course that allows students to use prior knowledge and skills to work on a variety of professionally relevant interior design projects. Students will further develop their portfolio for prospective clients. [CHS/HHS/PHS] Advanced CTE Course

GEOMETRY IN CONSTRUCTION  Course# 71004  Credit: 1  Grade: 9-10  PEIMS#13004220
Prerequisite: Concurrent enrollment in Geometry or Geometry Pre-AP
This course is designed to teach geometric concepts through a hands-on construction technology lab. In Geometry in Construction, students will: learn safety, problem solving, machine and tool use, and drawing interpretation. Students will be exposed to practical skills in building and carpentry trades by building a small structure. The students will use various alternative materials in addition to wood, understand and exploit the interdependence between algebra and geometry and learn a core set of geometry facts. The students will use coordinate geometry in the study of area, perimeter, volume, transformations, congruence, and functions. Students are expected to participate fully in both environments, and to work cooperatively with peers at all times. Geometry is a requirement for graduation. This is recommended for students interested in pre-engineering, architecture, advanced construction technology, interior design, landscape architecture, and surveying. Previous construction experience is NOT required. [CHS/HHS/PHS]

CONSTRUCTION TECHNOLOGY II  Course# 71005  Credit: 2  Grade: 10-11  PEIMS#13005100
Prerequisite: Geometry In Construction
In Construction Technology I, students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management includes the knowledge of the design techniques and tools related to the management of architectural and engineering projects. Students enrolled in this course will serve as student leaders for the current construction projects in the Geometry in Construction course. [CHS/HHS/PHS] Advanced CTE Course
PRACTICUM IN CONSTRUCTION  Course# 71006  Credit: 2  Grade: 11-12  PEIMS#13005250
Prerequisite: Geometry in Construction and Construction Technology I
In this course, students gain knowledge and skills specific to those needed to enter the field of building maintenance as a building maintenance technician or supervisor or secure a foundation for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in plumbing, electrical, and heating, ventilation, and air conditioning (HVAC) systems. Additionally, student learn methods for repair and installation of drywall, roof, and insulation systems. Students who enroll in this course should have completed the Geometry in Construction and Construction Technology II courses. [CHS/HHS/PHS] Advanced CTE Course

Arts, A/V, Technology & Communications

PRINCIPLES OF ART, AV TECH, & COMMUNICATION  Course# 72001  Credit: 1  Grade: 9 -12  PEIMS# 13008200
Prerequisites: None
In a hands-on approach, this course introduces students to all of the basic components of digital audio/video production, production, and post-production. Students will create short video projects using state of the art equipment currently used in the professional world. [CHS/HHS/PHS/WH] Advanced CTE Course

ANIMATION I  Course# 72002  Credit: 1  Grade: 10 -12  PEIMS# 13008300
Prerequisites: None
Animation will allow students to demonstrate creative thinking and develop innovative projects by specializing in graphic design, image editing and/or 2D and 3D animation. Students will work independently as well as collaboratively to produce communications projects. Students will develop an electronic portfolio to document their skills. [CHS/HHS/PHS] Advanced CTE Course

AUDIO/VIDEO PRODUCTION I  Course# 72003  Credit: 1  Grade: 10 -12  PEIMS# 13008500
Prerequisites: None
Students will learn the use of analog and digital video cameras, editing software and other related video and audio hardware and software to create video productions. Students will gain understanding of copyright laws and ethical acquisitions of digital and video information. This course includes basic camera techniques, story/script writing, production, scheduling, lighting and audio recording and editing techniques, postproduction and broadcasting. [CHS/HHS/PHS/WH] Advanced CTE Course

AUDIO VIDEO PRODUCTION II / LAB  Course# 72004  Credit: 2  Grade: 10 -12  PEIMS# 13008600
Prerequisites: AV Production I
Students will prepare for careers in audio and video technology and film production that span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. [CHS/HHS/PHS/WH] Advanced CTE Course

PRACTICUM IN AUDIO/ VIDEO PRODUCTION  Course# 72006  Credit: 2  Grade: 11 -12  PEIMS# 13008700
Prerequisites: Audio and Video Production I and Audio and Video Production II / Lab
Students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. This course may be implemented in an advanced audio, video, or animation format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. [CHS/HHS/PHS] Advanced CTE Course

GRAPHIC DESIGN AND ILLUSTRATION I  Course# 72007  Credit: 1  Grade: 11 -12  PEIMS# 13008800
Prerequisites: None
Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. [CHS/HHS/PHS] Advanced CTE Course
FASHION DESIGN I  Course# 72008  Credit: 1  Grade: 10-12  PEIMS#13009300
Prerequisite: None
Fashion Design focuses on the fashion industry, as well as all aspects of fashion and wardrobe care. This is a project oriented course focusing on designing, constructing and altering apparel. [CHS/HHS/PHS] Advanced CTE Course

FASHION DESIGN II /LAB  Course# 72009  Credit: 2  Grade: 11-12  PEIMS#13009400
Prerequisite: Fashion Design I
This course focuses on all aspects of the textile and apparel industries. Projects will focus on advanced production techniques as well as creation of a fashion design portfolio. [CHS/HHS/PHS] Advanced CTE Course

PRACTICUM IN FASHION DESIGN  Course# 72011  Credit: 2  Grade: 11-12  PEIMS#13009500
Prerequisite: Fashion Design II and Fashion Design II Lab
Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced technical understanding of the business aspects of fashion, with emphasis on promotion and retailing. [CHS/HHS/PHS] Advanced CTE Course

DIGITAL AUDIO TECHNOLOGY I  Course#72013  Credit: 2  Grade: 11-12  PEIMS#13009950
Prerequisites: None
Students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. This course may be implemented in an advanced audio, video, or animation format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. [CHS/HHS/PHS] Advanced CTE Course

VIDEO GAME DESIGN  Course# 72014  Credit: 1  Grade: 9-12  PEIMS#13009970
Prerequisite: None
This foundation course covers the technological and creative aspects of video game design in an easy to follow format. This exciting course teaches production of digital storytelling and interactive content using Photoshop, Flash and InDesign, in addition to video game design programs. Students will master skills in digital graphic design, animation, image manipulation, digital photography and video and audio production. They will also participate in a simulation of a real video game design team, seeing each project from beginning to end. [CHS/HHS/PHS] Advanced CTE Course

VIDEO GAME DESIGN II  Course# 72015  Credit: 1  Grade: 10-12  PEIMS#N1300994
Prerequisite: Video Game Design
Students will be provided the opportunity to design, program and create a functional game. The course will introduce basic programming language and skills that are essential to developing a video game. Topics cover math, physics design and computer programming. [CHS/PHS] Advanced CTE Course

VIDEO GAME DESIGN III  Course# 72016  Credit: 1  Grade: 11-12  PEIMS#N1300995
Prerequisite: Video Game Design II
Students will build on prior knowledge of video game development to create video games. This course will expand the student's skills in computer programming languages. This course is the third class in the game development pathway. [CHS] Advanced CTE Course

PRACTICUM IN VIDEO GAME DESIGN  Course# 72017  Credit: 2  Grade: 12  PEIMS#13008450
Prerequisite: Completed courses in Video Game Design pathway
This course is the capstone for the game development pathway. Students are given an opportunity to work on a "real world" project with a partnering company. The project will require students to use their prior knowledge of game development to successfully complete their industry supported project. [CHS] Advanced CTE Course
## Business Management & Administration

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<th>Prerequisite:</th>
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| 73001 | 1 | 9-12 | None | **PRINCIPLES OF BUSINESS, MARKETING & FINANCE**
Do you want to know what it takes to operate your own business? Principles of Business Marketing & Finance is an introductory course that will give you basic knowledge in business, marketing, advertising and economics. You will leave this class with a savvy business outlook on the real world. [CHS/HHS/PHS/WHS]

| 73002 | 1 | 9-12 | None | **BUSINESS INFORMATION MANAGEMENT I**
Business Information Management I prepares students to apply technology skills to personal and workplace business situations. Students develop mastery in using MS Office applications (Word, Excel, Access, PowerPoint and Publisher). This course is highly recommended for preparing students for career and college entry. [CHS/HHS/PHS/WHS]

| 73003 | 1 | 10-12 | BIM I | **BUSINESS INFORMATION MANAGEMENT II**
Do you want to use your computer knowledge to run a business and organize community service? In BIM II, you will learn more about MS Office while managing several business efforts. You and your classmates will identify a community service provider and create and execute a fund-raising project. Throughout the year, you will learn more about MS Office software, computer hardware, and the Internet to prepare for a Microsoft Office certification. [CHS/HHS/PHS/WHS] Advanced CTE Course

| 73004 | 1 | 11-12 | None | **BUSINESS LAW**
Business Law introduces law and the necessity of the legal system that governs business operations in our society. This course prepares students with the understanding to carry concepts over into future business ownership and also for college preparation in studies for business majors. Students analyze significant issues of business and industry relating to legal environment, ethics, torts, contracts, financial instruments, personal property, sales, warranties, and more. [CHS/HHS/PHS/WHS] Advanced CTE Course

| 73005 | 0.5 | 11-12 | Principles of Business, Marketing, and Finance recommended | **GLOBAL BUSINESS**
Explore the exciting world of International Business and learn how to compete in a global market! Students will gain an understanding of the complex aspects of global business, including economics, social and ethical practices. [CHS/HHS/PHS/WHS] Advanced CTE Course

| 73006 | 1 | 10-12 | Principles of Business, Marketing, and Finance recommended | **BUSINESS MANAGEMENT**
Want to be the boss? Learn how to manage and lead employees, start and develop your own business and solve business problems. Business Management introduces students to basic management concepts and leadership styles found in the business world. Students explore managerial functions, economics and other components of productivity in the business environment. Students work on various projects to develop a business plan. This course offers students a background in owning their own business and post-secondary studies in various business majors. [CHS/HHS/PHS/WHS] Advanced CTE Course
**Education & Training**

**PRINCIPLES OF EDUCATION & TRAINING**

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**Prerequisite:** None

Do you want a career as a coach, teacher or counselor? Discover how you can turn this dream into a reality. This course is designed to introduce learners to the various careers available within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area. [CHS/HHS/PHS]

**READY, SET TEACH I**

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**Instructional Practices**

**Prerequisite:** Principles of Education and Training or Child Development;

This course is for the student who seeks to pursue a career in education. Students will build a foundation for learning the principles of effective teaching practices, be able to identify the qualities of effective schools and personal characteristics needed by professionals to be successful in educational careers. Students will work with exemplary educators, high school teacher and mentor teacher in their field sites, in direct instructional roles in both elementary and middle school three days a week. Students in this educational and training (ET) class will plan and instruct small and large groups of students, prepare materials and complete other responsibilities of the classroom teacher. [CHS/HHS/PHS] Advanced CTE Course

**READY, SET TEACH II**

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**Practicum in Education**

**Prerequisite:** Ready, Set Teach I

Practicum in Education and Training is an advanced extension of the Instructional Practices in Education and Training course. Students will work with exemplary educators, high school teacher and mentor teacher in their field sites, in direct instructional roles in both elementary and middle school three days a week. Students in this educational and training (ET) class will plan and instruct small and large groups of students, prepare materials and complete other responsibilities of the classroom teacher. Students will be assigned to various educational settings to extend their experiences in the field of education. [CHS/HHS/PHS] Advanced CTE Course

**Finance**

**MONEY MATTERS**

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**Prerequisite:** None

Money Matters will give students the opportunity to investigate global economics with emphasis on the free enterprise system and its impact on consumers and businesses. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning and estate planning. [CHS/HHS/PHS] Advanced CTE Course

**ACCOUNTING I**

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**Prerequisite:** None

Ever wonder what happens to the money in a business? Ever wonder why celebrities lose all their money because of a bad manager? Don't let someone else manage your money. Learn to do it yourself. In Accounting, students investigate the field of accounting including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal and ethical factors. Students engage in recording, classifying, summarizing, analyzing and communicating accounting information. For students with a determined career objective in accounting or any business-related field, this course will provide experience for post-secondary level course work. [CHS/HHS/PHS] Advanced CTE Course
ACCOUNTING II  Course# 75003  Credit: 1  Grade: 11-12  PEIMS#13016700
Prerequisite: Accounting I
Accounting II provides review and further development of fundamental accounting principles with extensive use of technology. The course incorporates the complete accounting cycle in relation to formation and dissolution of partnerships and examines characteristics of corporate organization and ownership, including investments and distribution of earnings. Accounting II is designed for students interested in studying accounting at the post-secondary level or entering the workforce. [CHS/HHS/PHS] Advanced CTE Course

Government & Public Administration

PRINCIPLES OF GOVERNMENT & PUBLIC ADMINISTRATION  Course# 76001  Credit: 1  Grade: 9-12  PEIMS# 13018200
Prerequisite: None
This course introduces students to foundations of governmental functions and career opportunities within the United States. Students will examine governmental documents such as the United States Constitution and the Bill of Rights. [HHS]

PUBLIC MANAGEMENT & ADMINISTRATION  Course# 76002  Credit: 1  Grade: 10-12  PEIMS#13018600
Prerequisite: Principles of Government & Public Administration
Public Management and Administration reviews actions and activities that governments and nonprofit administrations commonly use and that resemble private-sector management. Students will be introduced to management tools that maximize the effectiveness of different types and styles of administrators and affect the quality of life of citizens in the community. [HHS] Advanced CTE Course

POLITICAL SCIENCE I  Course# 76005  Credit: 1  Grade: 10-12  PEIMS#13018300
Prerequisite: Principles of Government & Public Administration
Political Science I introduces students to political theory through the study of governments; public policies; and political processes, systems, and behavior. [HHS] Advanced CTE Course

Health Science

PRINCIPLES OF HEALTH SCIENCE  Course# 77001  Credit: 1  Grade: 9-12  PEIMS# 13020500
Prerequisite: None
Principles of Health Science provides students with an overview of the health care industry. Focus is on exploration, leadership development, ethical and legal issues and history of medicine and economics and trends in financing health care. Students develop a concept of health and wellness from the perspective of a health consumer as well as a potential professional in the health care industry. [CHS/HHS/PHS/WHHS]

MEDICAL TERMINOLOGY  Course# 77002  Credit: 1  Grade: 10-11  PEIMS# 13020300
Prerequisite: None
Medical Terminology is designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots and abbreviations. A body systems approach is used, which includes anatomy, common diseases/disorders, diagnostic and therapeutic treatments and common abbreviations. [CHS/HHS/PHS/WHHS] Advanced CTE Course

HEALTH SCIENCE THEORY  Course# 77003  Credit: 1  Grade: 10-12  PEIMS# 13020400
Prerequisite: Principles of Health Science and Medical Terminology recommended
Looking for a career in healthcare? Want to be a doctor, nurse, or just want to see what Health Science is all about? Topics covered include effective communications, medical law and ethics, client care and safety, medical terminology and basic anatomy and physiology. This is the pre-requisite for Practicum in Health Science. [CHS/HHS/PHS/WHHS] Advanced CTE Course
PRACTICUM HEALTH Course# 77004 Credit: 2 Grade: 12 PEIMS# 13020500
SCIENCE
Prerequisite: Two credits of Health Science related courses
This double-blocked one-year course is designed for the student planning to enter into a health care career. Students will have the opportunity to observe various health care professionals during a six week clinical rotation and study health care related topics in the classroom. Additional course related fees estimated around $100 as the price varies for scrubs, Drug Screen, TB Test, Flu Shot, etc. [CHS/HHS/PHS] Advanced CTE Course

WORLD HEALTH RESEARCH Course# 77005 Credit: 1 Grade: 12 PEIMS# 13020900
Prerequisite: None
This course examines major world health problems and emerging technologies as solutions to these medical concerns. The course is designed to improve students' understanding of the cultural, infrastructural, political, educational, and technological constraints and inspire ideas for appropriate technological solutions to global medical care issues. [CHS/HHS/PHS] Advanced CTE Course

PRINCIPLES OF BIOMEDICAL Course# 77006 Credit: 1 Grade: 9-12 PEIMS# N1302092 SCIENCE
Prerequisite: None
Principles of Biomedical Sciences allows students to investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person’s life. The activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. [WH] Advanced CTE Course

HUMAN BODY SYSTEMS Course# 77007 Credit: 1 Grade: 10-12 PEIMS# N1302093
Prerequisite: None
In the Project Lead The Way [PLTW] Human Body Systems (HBS) course, students examine the interactions of body systems as they explore deeply biological identity, communication, power, movement, protection, and homeostasis. Through individual and team activities, projects, and problems, students design experiments, investigate the structures and function of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary actions, and respiration. [WH] Advanced CTE Course

Hospitality & Tourism

PRINCIPLES OF HOSPITALITY & TOURISM Course# 78001 Credit: 1 Grade: 9-12 PEIMS# 13022200
Prerequisite: None
Principles of Hospitality and Tourism introduces students to the largest national employment base in the private sector the hospitality and tourism industry, which includes lodging, travel and tourism, recreation, amusements, attractions and resorts, restaurants and food and beverage service. Students will use knowledge and skills that meet industry standards to function effectively in various positions in the industry. [CHS/PHS/HHS]

HOSPITALITY SERVICES Course# 78002 Credit: 2 Grade: 11-12 PEIMS# 13022800
Prerequisite: Lifetime Nutrition and Wellness
The Hospitality industry is a fascinating, fun and stimulating experience which can be enjoyed as a career with excellent advancement opportunities. This course provides hands-on and project-based instruction in various career options such as travel, tourism, culinary, hotel management and the entertainment fields. Students will create a portfolio for a future career in hospitality. [HHS/CHS/PHS] Advanced CTE Course

PRACTICUM IN HOSPITALITY SERVICES Course# 78003 Credit: 2 Grade: 11-12 PEIMS# 13022900
Prerequisite: Hospitality Services
This course provides opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences related to hospitality services. [HHS/PHS] Advanced CTE Course
INTRODUCTION TO CULINARY ARTS  
Course# 78004  Credit: 1  Grade: 9-12  PEIMS# 13022550

Prerequisite: None

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course [CHS] Advanced CTE Course

CULINARY ARTS  
Course# 78005  Credit: 2  Grade: 11-12  PEIMS# 13022600

Prerequisite: Introduction to Culinary Arts

Do you love to cook? Turn your passion for cooking into a career. You will work hands-on in a professional kitchen with a chef to learn cooking techniques and skills needed in the restaurant industry. Explore food, flavor, and cuisines of the World. [CHS] Advanced CTE Course

PRACTICUM IN CULINARY ARTS  
Course# 78006  Credit: 2  Grade: 12  PEIMS# 13022700

Prerequisite: Culinary Arts

Want to work at a hotel or restaurant? This course will prepare you for a job or career in the culinary arts and food service industry as well as give you a foundation for higher education programs of study in the culinary field. Students will have the opportunity to participate in a student-led enterprise. [CHS] Advanced CTE Course

Human Services

PRINCIPLES OF HUMAN SERVICES  
Course# 79001  Credit: 1  Grade: 9-12  PEIMS# 13024200

Prerequisite: None

Principles of Human Services is a laboratory course that will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers. [CHS/HH/PWS] Advanced CTE Course

DOLLARS & SENSE  
Course# 79002  Credit: 0.5  Grade: 10-12  PEIMS# 13024300

Prerequisite: None

Dollars and Sense focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology and preparation for human services careers. Students are encouraged to participate in career and technical student organizations and other leadership organizations. [CHS/HH/PWS] Advanced CTE Course

INTERPERSONAL STUDIES  
Course# 79003  Credit: 0.5  Grade: 10-12  PEIMS# 13024400

LIFETIME NUTRITION & WELLNESS  
Course# 79004  Credit: 0.5  Grade: 10-12  PEIMS# 13024500

Prerequisite: Concurrent enrollment in Interpersonal Studies and Lifetime Nutrition & Wellness is required

Are you interested in how food affects your body and increases performance in athletes? Lifetime Nutrition and Wellness gives students' basic nutritional information that will help them evaluate their diets and learn how to make better choices to maintain or improve health. This laboratory course allows students to use principles of lifetime wellness and nutrition in food preparation to help them make informed choices that promote wellness as well as pursue careers related to culinary arts, hospitality and tourism, education and training and health sciences. [CHS/HH/PWS] Advanced CTE Course

CHILD DEVELOPMENT  
Course# 79005  Credit: 1  Grade: 10-12  PEIMS# 13024700

Prerequisite: Principles of Human Services or Principles of Education and Training recommended

Child Development is a fast-paced class which begins with the decision to become a parent and covers all aspects of child development until age twelve. Whether the student plans to be a parent or to spend their professional days as a child psychologist, a teacher or a day care provider, this course provides a background for skills and knowledge. Note: This course may include visits to elementary schools. [CHS/HH/PWS] Advanced CTE Course

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FAMILY & COMMUNITY SERVICES  Course# 79006  Credit: 1  Grade: 11-12  PEIMS# 13024900
Prerequisite: None
This laboratory-based course is designed to involve students in realistic and meaningful community-based activities through direct service experiences. Students are provided opportunities to interact and provide services to individuals, families, and the community through volunteer or community services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics. Students are encouraged to participate in extended learning experiences such as career and technical student organizations or other leadership or extracurricular organizations.  [CHS/HHS/PHS/WHS] Advanced CTE Course

Information Technology

PRINCIPLES OF INFORMATION TECHNOLOGY  Course# 79101  Credit: 1  Grade: 9-12  PEIMS# 13027200
Prerequisite: None
Principles of Information Technology develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication and reasoning skills and apply them to the information technology environment.  [HHS/PHS]

COMPUTER MAINTENANCE  Course# 79102  Credit: 1  Grade: 10-12  PEIMS# 13027300
Prerequisite: None
Attention gamers and computer enthusiasts! Want to work on computers, find out how they work and how to improve their performance? This hands-on class will dive deep into topics of computer maintenance and repair.  [HHS] Advanced CTE Course

NETWORKING  Course# 79103  Credit: 1  Grade: 11-12  PEIMS# 13027400
Prerequisite: Principles of Information Technology and Computer Maintenance
Course is designed for students who have completed computer maintenance and want to know more about networks for gaming or business. The class will focus on setting up, fixing and upgrading computer networks. Network security (counter-hacking) will be a secondary topic.  [HHS] Advanced CTE Course

DIGITAL MEDIA  Course# 79104  Credit: 1  Grade: 10-12  PEIMS# 13027800
Prerequisite: None
This course develops proficiencies in designing, importing, and manipulating advanced text, graphics, audio and video used in presentation management, multimedia productions, publishing systems and emerging technologies. Students will use Adobe Creative Suite including Photoshop. Course can count for one credit of Technology Applications.  [CHS/HHS/PHS] Advanced CTE Course

WEB TECHNOLOGIES  Course# 79105  Credit: 1  Grade: 10-12  PEIMS# 13027900
Prerequisite: None
Web Technologies provides an understanding of the impact the Internet can have on our personal lives. The business opportunities it affords are critical to managing in the 21st century. In this course, the Internet is studied from inception to the present and social, legal and ethical implications are explored. Students will create simple web sites using HTML, learning the foundation of the Internet. In the second semester, students will create dynamic web pages using the Adobe Creative Suite 3. In addition, students use a broad variety of other Internet-based tools such as wikis and blogs. Technical skills are developed in designing, creating, and editing web pages.  [CHS/HHS/PHS] Advanced CTE Course

COMPUTER TECHNICIAN PRACTICUM  Course# 79106  Credit: 2  Grade: 11-12  PEIMS# 13027500
Prerequisite: Computer Maintenance
Course is designed for students who have completed computer maintenance and would like further study and to pursue certification. This course focuses on professional level computer repair and maintenance. The course will help prepare your computer skills for both college and work environments.  [HHS] Advanced CTE Course
**Marketing, Sales & Service**

**ENTREPRENEURSHIP**  
Course# 79301  Credit: 1  Grade: 10-12  PEIMS# 13034400  
**Prerequisite:** None  
Students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired, and the potential for profit. [HHS] Advanced CTE Course

**SPORTS & ENTERTAINMENT**  
Course# 79302  Credit: 0.5  Grade: 10-12  PEIMS#13034600  
**Prerequisite:** None  
This course introduces the marketing concepts and functions applicable to the sports and entertainment industry. The purpose is to not only introduce students to these fundamental principles and concepts, but to also help them to develop critical thinking and decision-making skills through the application of the marketing principles in these industries. Instruction will include an orientation to the entertainment industry, related economics, human relations, and career opportunities. [HHS/WHS] Advanced CTE Course

**ADVERTISING**  
Course# 79303  Credit: 0.5  Grade: 10-12  PEIMS# 13034200  
**Prerequisite:** None  
Advertising is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising. Students will create advertising using print, broadcast and digital media. The course explores the social, ethical and legal issues of advertising, historical influences, strategies and media decision processes as well as integrated marketing communications. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge. [HHS] Advanced CTE Course

**ADVANCED MARKETING**  
Course# 79304  Credit: 1  Grade: 11-12  PEIMS# 13034700  
**Prerequisite:** Completion of a prior marketing course.  
In Advanced Marketing, students will gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to solve problems related to marketing. This course covers technology, communication, and customer-service skills. [HHS] Advanced CTE Course

**SOCIAL MEDIA MARKETING**  
Course# 79305  Credit: 0.5  Grade: 10-12  PEIMS#13034650  
**Prerequisite:** None  
Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts. [WHS] Advanced Course

**Science, Technology, Engineering & Mathematics**

**INTRODUCTION TO**  
Course# 79401  Credit: 1  Grade: 9-12  PEIMS# N1303742  
**ENGINEERING DESIGN (PLTW)**  
**Prerequisite:** None  
Being creative and making a difference in the world is what engineers do. Learn why engineering is a great career for young men and women. The focus of this course is to expose students to design processes, research and analysis, teamwork, communication methods, engineering standards, and technical documentation. Using 3D computer modeling software, students learn the design process and solve design problems for which they develop, analyze, and create product models. This is the first course in a four-year sequence of courses that are part of the nationally recognized Pre-Engineering program called Project Lead The Way. [CHS/HHS/PHS/WHS] Advanced CTE Course
PRINCIPLES OF ENGINEERING (PLTW)  Course# 79402  Credit: 1  Grade: 10-12  PEIMS# 13037500
Prerequisite: Introduction to Engineering Design
This course of engineering exposes students to some of the major concepts they’ll encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding of course concepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students also learn how to document their work and communicate their solutions to peers and members of the professional community. [CHS/HHS/PHS/WHS] Advanced CTE Course

DIGITAL ELECTRONICS (PLTW)  Course# 79403  Credit: 1  Grade: 11-12  PEIMS# 13037600
Prerequisite: Principles of Engineering
This course is the study of electronic circuits that are used to process and control digital signals. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, and high-definition televisions. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. [CHS/HHS/WHS] Advanced CTE Course

ENGINEERING DESIGN & DEVELOPMENT (PLTW)  Course#79404  Credit: 1  Grade: 11-12  PEIMS# N1303749
Prerequisite: Two prior PLTW courses
In this capstone course, students will work as part of a team to develop a solution to a technical problem of their choosing, challenge themselves with a real-world issue, or see a need at the campus, district, or community level and find a way to meet that need. Students will research, design, test, and construct their solution or recommendations and present it to industry or community partners. The student team will use what they’ve already learned to guide them through the process of design and product development. [CHS/HHS] Advanced CTE Course

CIVIL ENGINEERING & ARCHITECTURE (PLTW)  Course#79405  Credit: 1  Grade: 11-12  PEIMS# N1303747
Prerequisite: Principles of Engineering
Civil Engineering and Architecture allows students to learn about civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects. [CHS] Advanced CTE Course

COMPUTER INTEGRATED MANUFACTURING  Course#79406  Credit: 1  Grade: 11-12  PEIMS# N13037487
PLTW Computer Integrated Manufacturing is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of efficiently creating the products around us. Students build upon their Computer Aided Design (CAD) experience through the use of Computer Aided Manufacturing (CAM) software. CAM transforms a digital design into a program that a Computer Numerical Controlled (CNC) mill uses to transform a block of raw material into a product designed by a student. Students learn and apply concepts related to integrating robotic systems such as Automated Guided Vehicles (AGV) and robotic arms into manufacturing systems. Throughout the course students learn about manufacturing processes and systems. This course culminates with a capstone project where students design, build, program, and present a manufacturing system model capable of creating a product. [HHS] Advanced CTE Course

ROBOTICS I  Course# 79408  Credit: 1  Grade: 11-12  PEIMS# 13037000
Prerequisite: Principles of Applied Engineering recommended
Robotics and Automation will allow students to implement skills and knowledge of electronics. Students will design in a project-based environment a prototype or use simulation software to test their designs. Students explore career opportunities and employer expectations and educational advancement in robotic and automation industries. [CHS/HHS/PHS] Advanced CTE Course
Transportation, Distribution & Logistics

AUTOMOTIVE BASICS
Course# 79501  Credit: 1  Grade: 9-12  PEIMS# 13039550
Prerequisite: None
Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. [PHS] Advanced CTE Course

ENERGY & POWER OF TRANSPORTATION SYSTEMS
Course# 79502  Credit: 1  Grade: 10-12  PEIMS# 13039300
Prerequisite: Automotive Basics
Energy, Power and Transportation is a hands-on course providing students with job-specific training in the automotive field of engine repair and service. Students learn use of repair manuals, repair of basic automotive components, fuel systems, brake systems and electrical systems as well as proper use and storage of tools of the trade. This course is for students who plan to enter careers in the automotive industry as well as post-secondary training in this field. [PHS] Advanced CTE Course

MAINTENANCE & LIGHT REPAIR
Course# 79503  Credit: 2  Grade: 11-12  PEIMS# 13039600
Prerequisite: Automotive Basics, Energy, Power and Transportation
Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. Students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. [PHS] Advanced CTE Course

AUTOMOTIVE TECHNOLOGY II
Course# 79504  Credit: 2  Grade: 12  PEIMS# 13039710
Prerequisite: Automotive Technology
Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. [PHS] Advanced CTE Course

CAREER PREPARATION I
Course# 79601  Credit: 3  Grade: 11-12  PEIMS# 12701305
Prerequisite: Students must be 16 years of age and entering 11th or 12th grade, student information sheet and interview required, completion of one or more CTE courses in a program of study. Teacher approval required for enrollment. Students must be enrolled and employed within the first 10 days of the school year. Students must remain employed the entire school year to receive credit for this course. Credit requires full year enrollment.

Do you have a part-time job? Are you looking for an internship? Would you like to learn about the World of Work? Check out Career Preparation I. This class will provide classroom credit with real life work experience. Students must be employed the entire school year and work a minimum of 15 hours per week at an approved site. [CHS/HHS/PHS] Advanced CTE Course

OTHER CTE COURSES
CAREER PREPARATION II  Course# 79602  Credit: 3  Grade: 11-12  PEIMS# 12701405
Prerequisite: Successful completion of Career Preparation I.
See description for Career Preparation I. Credit requires full year of enrollment. Students will continue their on-the-job training at an approved training station site. Additionally, students will complete digital portfolio and project-based learning.[CHS/HHS/PHS] Advanced CTE Course
Weighted Grade Point Scale:
Students entering the ninth grade in the 2014-2015 school year and beyond.

Class rank and grade point average (GPA) shall be assessed for students who entered grade 9 in the 2014-2015 and thereafter.

The following guidelines will apply:

- **Tier 1 (Advanced-Level Courses)** - Tier 1 shall include AP courses and courses designated as “advanced.” (See definition below.)
- **Tier 2 (General Education Courses)** - Tier 2 shall include high school Pre-AP courses and approved articulated courses. (See definition below)
- **Tier 3 (General Education Courses)** – Tier 3 shall include grade-level TEKS courses and all other high school courses.
- General education courses shall provide a challenging curriculum based on the TEKS.
- Pre-AP courses shall extend and enrich the TEKS. They shall be academically rigorous courses that provide the skills and strategies students need to succeed in future AP courses.
- AP and advanced courses shall provide a nationally recognized college-level curriculum. Students may earn college credit for these courses based on performance on a nationally standardized exam.
- Articulated courses shall contain the same course content as equivalent college courses and for which a postsecondary institution has agreed to award college credit if the student meets the requirements outlined in the course articulation agreement, either through statewide articulation or a local articulation agreement.

Determination of Grade Point Averages:
Students entering the ninth grade in the 2014-2015 school year and beyond.

To determine GPAs, numerical final course grades shall be converted via the established weighting system. Actual grades earned shall be recorded on report cards and official transcripts.

The GPA shall be calculated by totaling the weighted final course points and dividing by the number of courses. Courses used to determine GPA are located in EIC (REG).

When multiple period courses are included in computing the GPA, the final course points for that class shall be entered the same number of times as the number of periods per day that the student is enrolled in the course. The number of periods shall also be reflected in the divisor.

Students may take a course beyond those needed for graduation on a pass/fail basis. This shall apply to students who have completed or are enrolled in courses in excess of those needed for graduation and have previously satisfied content specific graduation requirements (i.e., fifth year of mathematics or science and the like). Students shall be required to declare this option in writing within the first three weeks of school.

Grade Point Average or GPA is the average grade earned by a student that is calculated through a weighted system. The final numerical course grades for each semester are converted to a 4.0, 5.0, or 6.0 scale depending on the type of course. (See EIC (LOCAL)) The weighted scores are totaled and divided by the number of final semester grades to determine the final GPA.
The following courses shall not be used to determine a student’s GPA:

- Credit by examination scores (with or without instruction);
- Credit recovery – during the school year and summer;
- Traditional correspondence courses;
- Off-campus physical education waiver courses;
- Local credit courses;
- Summer school coursework taken outside of the District;
- Dual credit or concurrent enrollment coursework; and
- Pass/fail courses.

The following shall be used to determine a student’s GPA:

- TEKS-based and TEKS-modified courses;
- Advanced Placement (AP)/Pre-AP courses;
- Articulated courses;
- Summer school courses for acceleration taken within the District;
- High school courses taken in middle school for state credit;
- High school courses that are delivered in one semester in high school and delivered in two semesters in middle school; and
- Athletics and equivalents up to one credit (two semesters).
# Post-Secondary Planning Calendar: Road Mapping High School

## GRADE 8

___ Enroll in appropriate high school credit courses (i.e. Algebra I, Spanish, Health)

___ Attend **Course Fair** night at the high school you will attend

___ Consult 8th grade counselor for appropriate course selections during BRIDGES pre-registration

___ Create a high school four-year plan that interests and challenges you

## GRADE 9—FRESHMAN YEAR

___ Attend Freshman Orientation on your HS campus

___ Create (or update) your academic portfolio. Be sure to include information on academic awards, extra-curricular involvement, and volunteer activities. Work toward earning leadership positions within organizations.

___ Develop good study habits

___ Read and write as much as you can

___ Attend the PFISD College Fair

___ Attend **Course Fair** night

___ Review and modify four-year plan in BRIDGES

___ Choose 10th grade courses wisely; ask your counselor questions whenever needed

___ Register for Advanced Placement (AP) tests as appropriate

___ Meet your campus College & Career Counselor

___ Explore volunteer opportunities

___ Start college search: What kind of schools are you looking for?

___ Attend at least one college representative visit at your school

___ Check on any summer assignments you’ll need to complete for 10th grade PreAP/AP classes
GRADE 10—SOPHOMORE YEAR

**August-September**

___ Review credits to make sure that you are on track for graduation

___ Review for the PSAT test. Look at additional PSAT materials, both printed and online at www.collegeboard.com

___ Attend the PFISD College Fair

**October-November**

___ Take the PSAT, it is good practice for college entrance exams.

**December-January**

___ Review and modify four-year plan in BRIDGES

___ Choose 11th grade courses wisely; ask your counselor questions whenever needed

___ Review your results from PSAT. The report gives valuable information you can use to improve your score

___ Attend Financial Aid night with your parents

___ Attend programs about Dual Credit courses through Austin Community College. Starting this summer you can take two courses a semester. To learn more go to [http://www.austincc.edu/ecs](http://www.austincc.edu/ecs)

**February-June**

___ Register for Advanced Placement (AP) tests as appropriate

___ Maintain strong work ethics in your classes

___ Complete the ACC Early College Start enrollment process and meet with an ACC advisor for summer/fall registration

___ Plan an exciting summer filled with volunteer opportunities and visit one college campus

___ Check on any summer assignments you’ll need to complete for 11th grade PreAP/AP classes

___ Explore possible ACT/SAT prep materials and/or courses
GRADE 11—JUNIOR YEAR

**August-September**

- Remember grades are used to determine scholarships and grants for which you may be eligible; work hard and keep those grades up
- Review credits to make sure that you are on track for graduation
- Continue building your resume; look for more leadership positions
- Keep in mind that colleges like a well-rounded student: (a) continue to enroll in challenging classes; (b) work hard in class to maintain a competitive GPA; (c) participate in extra-curricular activities; (d) volunteer in your community
- Begin to narrow your college focus to around 10 schools. Plan to apply to 3-5 schools
- Attend campus tours at various colleges and universities. Stop by the College and Career Center for a college visit form PRIOR to your visit so your absence does not count against you
- Attend all programs and seminars including PFISD College Fair and Financial Aid events

**October-December**

- Take the PSAT. This is great practice for the SAT/ACT. Remember this is the year that you can qualify for National Merit recognition and scholarships based on your score. To learn more go to [www.collegeboard.com](http://www.collegeboard.com)

**January-February**

- Review and modify four-year plan in BRIDGES
- Choose 12th grade courses wisely; ask your counselor questions whenever needed
- Review your results from PSAT. The report gives valuable information you can use to increase your SAT score
- Take the school administered ACT test ([www.act.org](http://www.act.org))!
- Register for the SAT ([www.collegeboard.com](http://www.collegeboard.com)) and/or ACT tests ([www.act.org](http://www.act.org)) to take them in the spring. If you qualify for free/reduced lunch, go to the College and Career Center for a fee waiver. Pay attention to DEADLINES!
- If you plan to apply to a service academy, write for application packets
- Consider visiting a college campus during spring break
- Look for summer enrichment programs specifically geared for rising seniors
- Register for Advanced Placement (AP) tests as appropriate
___ Attend all AP study sessions as appropriate

___ Start looking at scholarship opportunities more often than before. Use websites as well as campus specific financial aid opportunities

___ Review your senior schedule. Is it challenging? Does it give you academic momentum into your freshman year of college?

**March-May**

___ Take the SAT or/and ACT

___ Talk to your counselor/teachers about possible letters of recommendation

___ Keep reading and writing! Prepare to write your college essay

___ Register for ACC dual credit summer/fall classes. Meet with the appropriate counselor to complete necessary paperwork

___ Conquer AP tests

___ Take SAT subject tests as needed

**June-July**

___ Register with the NCAA clearinghouse if you plan on playing sports at a Division I or II college. You must do this to be eligible for athletic opportunities. Go to [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net) for more information

___ Obtain a summer job related to your career interests

___ Look for more volunteer opportunities

___ Schedule college visits

___ Check on any summer assignments you’ll need to complete for 12th grade AP classes

___ Use the internet to your advantage! Take campus tours online, read student profiles, virtually attend classes through Podcasts

___ Develop a financial aid plan with your loved ones
GRADE 12—SENIOR YEAR

**August-September**

___ Review credits to make sure that you are on track for graduation

___ Register for the earliest fall ACT and/or SAT test. It usually takes 6-8 weeks for scores, so if you have not already taken one of these tests your junior year, you NEED to take the earliest test in the year to have scores available for many college application deadlines in the fall

___ Submit any summer course grades (ACC) to the registrar to add to your high school transcript

___ Update/Complete your resume. You will need for numerous scholarships and college applications due throughout your senior year

___ Ask 3-5 teachers, coaches, administrators, counselors, to write you a letter of recommendation. Provide them with the aforementioned resume and a recommendation letter form (if applicable to your college) so they may formulate a solid letter for you. Give plenty of time to complete. Please no requests the day before they are due!

___ Visit the College and Career Center often for updates on college visits, application assistance, and scholarship information. Use the campus College and Career Center website as it is updated daily with tons of helpful information and links for all students

___ Begin college applications. Use www.applytexas.org for a number of colleges. Refer to specific college websites for additional information. If you qualify for free/reduced lunch, you are often able to get an application fee waiver. See your college and career counselor for more information

___ Organize a calendar for your applications, housing, and financial aid deadlines. Make sure your applications ARE NOT LATE, as they will not be considered. Plan ahead and turn in everything before deadlines

___ Make tough decisions regarding early action/ early decision as they apply

___ Attend all programs and seminars including PFISD College Night and Financial Aid events

___ Apply for any scholarships for which you apply

___ If your college requires an essay, be sure you have started. Choose a favorite teacher to help you organize and develop

___ Plan to meet with college representatives when they visit

___ Keep working hard! Grades matter

___ Financial aid counts! Be sure to speak to financial aid representatives on the 3-5 campuses for which you will apply

**October**

___ Apply for early decision or early action now! Prepare applications for back-up colleges. If you are
accepted under the early decision option, you are expected to enroll at that college and to WITHDRAW ALL other applications. You must submit financial aid information when requested from that college

___ Submit at least one college application this month (you should have already completed the 2-year applytexas.org application during the ACC College Connections classroom guidance

___ Begin working on the FAFSA form (www.fafsa.ed.gov). ALL financial aid offices require that students and their parents complete the FAFSA to be considered for federally funded grants, aid, and work study programs. Some additional scholarships offered through the college may require that you have submitted this as well. REGARDLESS of how much your parent(s) make, everyone should file! You can always turn down any of the financial aid offered, but you will limit your opportunities by not completing this form.

___ Attend a FAFSA Saturday event if you need additional assistance filling out the FAFSA form

___ Plan ahead for ACC Early College Start classes in the spring. Work with the appropriate counselor to complete necessary paperwork for advising

**November-December**

___ Go online to www.pin.ed.gov to create a Federal Student Aid PIN number. Your parents will also need to register for a PIN number as well. You will need to complete the Free Application for Federal Student Aid (FAFSA) AFTER January 1st of your senior year

___ Continue processing application and recommendation forms. Make sure to follow all campus counseling office procedures

___ Keep working hard! Your first semester grades are requested by most colleges for admission consideration

___ Be aware of deadlines. Most applications are due by January 1st

___ Take appropriate SAT Subject tests that are required

___ Ask your parents to continue gathering financial information

**January-February**

___ If you do not have a social security number, you will use the TAFSA form instead to file for financial aid to use in Texas. Go to www.collegeforalltexans.com under Apply—for Financial Aid for the application

___ Continue to research scholarships and loans

___ Complete and return mid-year forms as necessary

___ Register for Advanced Placement (AP) tests as appropriate

___ Attend all AP study sessions as appropriate
**March-May**

- Look for acceptance notices; April 1st is a common date for colleges to notify students
- Begin making a decision on which college to attend. Confirm acceptance by May 1st. Do not wait to deposit housing fees IF you have decided on a college to attend. Housing works on a first come first serve basis, so the earlier you complete the more choices you will have.
- Decline college acceptance by May 1st if you have been accepted to multiple schools
- Advise colleges who have waitlisted you if you wish to be kept in consideration
- Rejection letters are common. See your counselor for discussion of alternative options
- Complete all AP tests
- Deliver copies of all scholarships and awards offered to you to the College and Career Center. This collection will be used for Senior recognition as all offers will be printed in the graduation program
- Complete Senior Survey

**June-August**

- GRADUATION
- Request a final transcript be sent to the college you will attend
- Be sure to send AP test scores to school that you will attend
- Participate in Summer Orientation at the college you have chosen to attend
- Consider CLEP tests to place out of classes (may not be an option at all schools)
Ten Most Common Mistakes Made Senior Year

Finding a balance between having fun, studying for your courses and planning for your next life step is a great way to start preparing for college, since you will be called upon to do this during your college years.

To help you stay focused, we’ve compiled 10 of the top mistakes students make during their senior year so you can make sure you don’t make them.

1. **Missing Classes**
   Skipping classes could mean missing valuable information for upcoming tests. And don’t forget to think ahead to university classes: Information you’ll need for your major in your college program may be covered during a high school lecture you miss.

2. **Thinking your second semester grades don’t count**
   Many universities look at your second semester grades, so keep that GPA up and keep taking those AP/IB and honors classes. Admissions departments at many colleges and universities have been known to rescind the acceptance letters of students who drop their tough classes or let their GPA sink dramatically due to senior slump.

3. **Giving in to —senioritis**
   A bit of restlessness during your senior year is to be expected, but don’t let yourself lose motivation, procrastinate or slack off completely. Letting yourself get physically or emotionally run down can ruin your senior year and make you less prepared for getting a college degree.

4. **Getting overwhelmed**
   Senior year means juggling everything from the prom and parties to college essays and AP tests. You’ll get through it all if you take a step back and prioritize your time: Make lists and timelines to keep track of all of your deadlines and make sure you get it all done.

5. **Not keeping your priorities straight**
   Planning for college doesn’t mean you can forget about your current obligations. In class, that means making sure your transcript is full of good grades in all of your subjects, not just the ones you think are easier or more relevant to your intended degree. Outside of class, that means not dropping your extracurricular activities or work if those activities will benefit you financially or personally.

6. **Forgetting your studying**
   Keep up on your assignments, even after a tough week. While you’re taking time off, there’s another student going for your spot at the schools you’re applying to who isn’t. When you feel less motivated to study, remind yourself that every good grade gets you closer to finding a college that offers a great program in the major you want. Keep your eyes on the prize!

7. **Underestimating the time needed to get your work done**
   Be realistic about your current workload. While you know how long it takes you to write a paper or study for a test under normal conditions, all the pressures of senior year could make you work more slowly or give you more distractions. To stay on top of your assignments, calculate how long you think something will take you, and then double it.

8. **Daydreaming about your future academic plans**
   Your mind now might be wandering, thinking around about degrees, majors, MBA programs, possible careers, study abroad and many other things. These are all exciting future possibilities, but don’t forget the here and now. Devoting too much time daydreaming when you have homework and reading to do could seriously curtail those future plans.

9. **Blowing off —less important! work**
   Don’t be fooled by the idea that a second paper or a midterm quiz doesn’t make that much of a difference. Everything counts. Even if something is only worth ten percent of your grade, take it seriously. That extra ten percent might be what pushes you into a college slot over the next applicant.

10. **Failing to use the resources that are available to you**
    Teachers know about all the challenges you’re facing during this busy time, and many of them are nice enough to offer extra help during the second half of senior year. This help can be in the form of extra office hours, a review of topics covered, study guides, sample exams, or other tools to help you improve your grade. Take advantage of them.
Questions to Ask your Counselor about College

Your school counselor is one of your best resources as you plan for college. Your counselor has information about admission tests, college preparation, and your education and career options.

Here are some basic questions to help get your conversation started:

1. What courses do I need to take to be ready for college?
2. How should I plan my schedule so I'll complete them?
3. Which elective courses do you recommend?
4. Which AP courses should I consider taking?
5. When is the PSAT/NMSQT going to be given?
6. How should I study for the SAT, and is it given at this high school or do I need to go somewhere nearby?
7. Do you have any college planning sessions scheduled?
8. Do you have college handbooks or other guides that I can browse or borrow?
9. What activities can I do at home and over the summer to get ready for college?
10. What kinds of grades do different colleges require?
11. Are there any college fairs at this school, or nearby?
12. What colleges do other kids from our school go to?
13. What are the requirements or standards for the honor society?
14. Can you put me in touch with recent grads who are going to the colleges on my wish list?
15. Do you have any information to help me start exploring careers?
16. If my colleges need a recommendation from you, how can I help you know me better, so it can be more personal?
17. Are there any special scholarships or awards that I should know about now, so I can work toward them?
18. Can I see my transcript as it stands now, to see if everything is as I think it should be?
19. What forms do I use to apply for financial aid and where I can find them online?
20. How does our school compare to others, in terms of test scores and reputation?

**Courtesy of:  https://bigfuture.collegeboard.org/get-started/building-support-network/20-questions-to-ask-your-school-counselor  Bigfuture.collegeboard.org  is a GREAT RESOURCE for ALL STUDENTS**
Questions to Ask College Representatives

Whether you are visiting a college campus, speaking one on one to a college representative on your high school campus, or attending a college fair; it is important that you are prepared to ask questions that will help you make tough decisions regarding which secondary institution you should attend. Consider asking the following questions:

1. What is the best way to prepare for your school?
2. What tests do you require (SAT/ACT/SATII)? Is there a minimum score?
3. My area of interest includes ___________________. How does your program fit these needs?
4. What unique programs does your institution offer?
5. Who succeeds at your school?
6. What is the average class size? Are student-teachers used to teach?
7. What kind of students do you like to attract?
8. What is the diversity of your college? Geographically, racially, socially, economically?
9. What are the admissions criteria at your university? Is there an application fee? How much?
10. What is the average time from entrance to graduation (4 years)?
11. How is financial aid awarded? What percentages of your students are awarded financial aid?
12. What is the average financial aid package?
13. What do you wish students knew about your school?
14. What types of scholarship opportunities are available?
15. What is your application deadline?
16. How do I apply? Do you have an online application process, or should I request a paper application?
17. How many students attend your school?
18. Do you have dorms, and do you require students to live?