Revised 1/11/12

Conroe Independent School District

Program of Studies 2012-2013

Caney Creek High School
Conroe High School
Hauke Academic Alternative School
Oak Ridge High School
The Woodlands College Park High School
The Woodlands High School

Irons Junior High
Knox Junior High
McCullough Junior High
Moorhead Junior High
Peet Junior High
Washington Junior High
York Junior High

Revised 1/11/12

Senior High Schools

Caney Creek High School
936-709-2000
Trish McClure, Principal
Conroe High School
936-709-5700
Curtis Null, Principal
Hauke Academic Alternative School
936-709-3420
Dr. Jo Ann Beken, Principal
Oak Ridge High School
832-592-5300
Tommy Johnson, Principal
Oak Ridge High School – *9th Grade Campus*
281-465-5000
Amy Porter, Principal
The Woodlands College Park High School
936-709-3000
Mark Murrell, Principal
The Woodlands High School
936-709-1200
Gregg Colschen, Principal
The Woodlands High School – *9th Grade Campus*
832-592-8200
Chris Povich, Principal
Academy of Science & Health Professions
936-709-5731
Dr. Mike Papadimitriou, Headmaster
Academy of Science & Technology
936-709-3250
Dr. Susan Caffery, Headmaster

Junior High Schools

Irons Junior High
Jeff Fuller, Principal
Knox Junior High
832-592-8400
Joe Daw, Principal
McCullough Junior High
832-592-5100
Chris McCord, Principal
Moorhead Junior High
936-709-2400
Allan Sapp, Principal
Peet Junior High
936-709-3700
Mark Weatherly, Principal
Washington Junior High
936-709-7400
Hartwell Brown, Principal
York Junior High
832-592-8600
Amy Porter, Principal

Revised 1/11/12

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How to Use This Planning Guide

Planning a four-year high school program is an important undertaking. The courses you select should be guided by your plans for the future. As the world becomes smaller due to technological advances, it becomes increasingly more important to your future for you to choose a challenging course of study.

When you enter the 9th grade, you are a member of a **cohort** which identifies the year of your expected graduation. Example: a student entering 9th grade in 2012-13 is a member of **Cohort 2016**.

It is important to think about your future and the type of post-secondary education that you will need. Your course selections should reflect your desire to prepare for your life after high school. Choosing your courses should be guided by your interests as well as your abilities. Some students are sure of their future plans; others are still deciding. The courses that you choose will help you clarify your interest. While it may seem tempting to schedule a less demanding combination of courses, choosing rigorous courses that meet your needs or interests is the best way to prepare for your future. In Conroe ISD, there is a wide range of programs designed to prepare students for post-high school experiences: college, business or technical school, military service, fine arts, immediate employment and many others. These programs allow you to choose the one that is best suited to your needs.

On the following pages you will see the graduation requirements and the graduation plans that are available to you. There is also information relating to career planning that may be helpful. These pages should assist you in personalizing your plan. You will then find a description of the courses offered along with any information on prerequisites or grade level placement. A worksheet for your four-year plan will assist you in making sure that you include the necessary courses for the graduation plan you select. Many people can advise you and support you through this process. Your parents, teachers and counselors can assist you to better understand your goals, the graduation programs, and careers. These adults are familiar with the work you have done in different subjects and will be able to make suggestions about your program of studies. Their advice will be very helpful. Other people, who know you well, such as relatives and friends, can also help you. Talk with them so that you can consider their ideas. It is also helpful to talk with people who are currently in those careers that you find interesting. They can share information about their work and what courses will help you prepare for the future.

Junior High Students and Parents:

- Review the Junior High Program of Study.
- Read about the differences in the ways in which core courses are offered at junior high and high school.
- Study the content and requirements for the core and elective courses available for your grade level.
- Think about your future goals for high school and college. With this information in mind, begin to develop an understanding of the program of study you will pursue in high school by looking at the Senior High section of the guide. Also consider the examples of ways to earn high school credit while in junior high school.
- Make a final decision about the courses you plan to take for next year. Complete the Course Selection process provided by your campus to indicate your request for next year and submit it by the required deadline.
- Take advantage of the Bridges Choice Explorer to learn more about careers, majors, and colleges.

Senior High Students and Parents:

- Review the graduation requirements for the year in which you enter high school as a freshman. Review the 4-Year Plan that you have completed and/or review records of the high school courses you have already taken.
- Research careers, colleges, and majors through the Bridges Choices Explorer and Planner programs.
- Think about your post-secondary education plans and career goals. Decide which college and/or articulated credit opportunities you might want to purse in high school.
- Review the formats in which core courses are offered.
- Update your 4-Year Plan in Bridges Planner as needed.
- Choose courses for next year's schedule that support your 4-Year Plan and career goals. Be sure you have completed the prerequisite requirements for the courses you select.
- Complete the Course Selection that was issued by your campus and submit it by the required deadline.

High School Graduation Requirements

College Admission – High School Graduation Requirements

According to legislation (HB 3826) passed by the Texas Legislature during the 2007 summer session, students must complete the Recommended or Distinguished Graduation Plan in order to be eligible for admission to a Texas public 4-year college. In addition, to be eligible for automatic admission through the top ten percent rule, a graduate must complete either the Recommended or Distinguished plan. (NOTE: SB175 allows the University of Texas at Austin to cap its top 10% admissions at 75% of the freshman class. UT has predicted this means that only the top 8% of applicants will be automatically admitted for the Fall 2013 term. See your counselor for details.) Other highlights of this legislation are as follows:

Top 10 percent: In addition to the top 10 percent GPA requirement, eligibility for automatic admission will include the requirement that an applicant:

- Has completed either the curriculum for the recommended or advanced (Distinguished Achievement) plan at a public high school; *or*
- Satisfied ACT's College Readiness Benchmarks on the ACT assessment (English 18, Math 22, Reading 21, Science 24) **OR** earned a score of at least 1500 out of 2400 on the SAT assessment or the equivalent.

All CISD high schools offer students the opportunity to take courses that would fulfill this requirement.

In addition to the above, an applicant must meet the college or university's deadlines and provide a high school transcript or diploma.

There were some other changes developed specifically for the purpose of encouraging students interested in entering the teaching profession:
Top 25 percent: A general academic teaching institution may adopt an admissions policy granting automatic admission for students with GPA's in the top 25 percent and:

- Completed either the recommended or advanced program or an equivalent program,; *or*
- Satisfied the ACT or SAT requirements (described above); ***and***
- Provided an appropriate transcript.

General admissions: A student who does not qualify for automatic admission may apply to any general academic teaching institution if the student:

- Completed either the recommended or advanced program or an equivalent program; *or*
- Satisfied the ACT or SAT requirements (described above); ***and***
- Provided an appropriate transcript.

College Admission Requirements

Individual college catalogs/websites should be consulted for specific admission requirements. Certain college majors may require more math and science or foreign language. If you are considering applying to a selective college, consult the college website, your high school counselor, and ~~or~~ visit the College and Career center to learn about specific entrance requirements. Students may access a College and Career Handbook on the school's website.

Course Availability

Conroe ISD takes pride in serving the specific and unique needs of the community in which our high school campuses are located. A few of the factors that can impact courses offered are the campus size, student interest, teacher availability, and facilities specific to a campus. Although each campus is unique, Conroe ISD high schools will offer courses necessary for students to meet the recommended high school program.

Distinguished Achievement Plan

The Distinguished Achievement Plan (DAP) requires students to complete the 26 credit Recommended Plan for students entering high school in the fall of 2007 or beyond (RHSP), including a third credit in the same language other than English (LOTE), and one fewer elective. In addition, students must complete advanced measures that reflect work at college or professional level as assessed by outside evaluators. In order to achieve this distinguished recognition, students must complete any combination of four of the advanced measures listed below:

- National Merit Scholarship Corporation (Commended Scholar or higher, National Hispanic Scholar Program; National Achievement Scholarship Program) (one measure only)
- A score of three or above on Advanced Placement examinations
- A grade of 80 or higher in Dual Credit (DC) courses (at least 3 semester hours each)
- Other approved advance measures (two maximum)
    - Science Fair Project (must advance to SEFH)
    - Other original research/project, approved by the Campus DAP Review Committee

Students interested in graduating under the Distinguished Achievement Plan must meet the campus deadlines. See your counselor for an application.

Recommended High School Plan

The Recommended High School Plan (RHSP) (**26** credits for students entering high school in the fall of 2007 or beyond) helps ensure that all Texas high school students have the skills and knowledge necessary to succeed after graduation. The program encourages students to set targets beyond the minimum graduation requirements and allows students to pursue their own interests in a variety of college-preparatory courses. The program requires challenging academic courses that mean students will be better prepared to complete technical school, community college, or a four-year university. The RHSP may qualify a student with financial need for the Texas Grant program and certain scholarships.

Early Graduation

Students who wish to graduate early (3 years) must file an early graduation plan no later than the end of the tenth grade. The student and parent should make an appointment with the counselor to develop a graduation plan as soon as this decision is made. Early graduates must complete the graduation requirements in effect the year they entered 9th grade.

Eligibility for Participation in Commencement Services: Graduation Requirements

To receive a high school diploma from the Conroe Independent School District, a student must successfully complete the graduation requirements and pass required assessments.

Students who wish to participate in graduation ceremonies must do so at the first ceremony after completing all graduation requirements. Students must meet campus deadlines. Ceremonies are held each spring, in the middle of the year, and at the end of the summer session. Consult your counselor for dates.

A student who receives special education services and who has been enrolled in high school for four or more years has the option of participating in the graduation ceremony regardless of whether he/she is actually graduating that year. Students are permitted to participate in only one graduation ceremony. The actual graduation/completion of high school is still determined by meeting the requirements set forth by the Conroe Independent School District, the State of Texas, and/or criteria established by the student's ARD committee. Students/parents who wish more information should see their counselor.

Conroe ISD High School Graduation Requirements
Students entering 9th grade in Fall 2010 and after

Recommended High School Plan

English……4 Credits
English I, II, III, IV

Mathematics……4 Credits
Algebra I, Geometry, Algebra II
See list of approved 4th year math courses.

Science……4 Credits
Biology, Chemistry, Physics
See list of approved 4th year science courses.

Social Studies……4 Credits
World Geography, World History, US History, Government/Economics

Language other than English..2 Credits
Must consist of 2 credits of the same language.

Health……½ Credit
or Health Science Technology

P.E. or P. E. Substitute……..1 Credit**
Can substitute Marching Band, Drill Team, Cheerleading, JROTC, Athletics, or approved off-campus physical activity program.

Fine Arts……1 Credit
Levels I-IV: Art, Dance, Music, Theater, OR Principles and Elements of Floral Design

Speech…… ½ Credit
Communication Applications, OR Professional Communications

Electives……5 Credits
Must be state-approved courses

Recommended High School Plan
(26 Credits)

Distinguished Achievement Plan

English……4 Credits
English I, II, III, IV

Mathematics……4 Credits
Algebra I, Geometry, Algebra II
See list of approved 4th year math courses.

Science……4 Credits
Biology, Chemistry, Physics
See list of approved 4th year science courses.

Social Studies……4 Credits
World Geography, World History, US History, Government/Economics

Language other than English..3 Credits
Must consist of 3 credits of the same language.

Health……½ Credit
or Health Science Technology

P.E. or P. E. Substitute……..1 Credit**
Can substitute Marching Band, Drill Team, Cheerleading, JROTC, Athletics, or approved off-campus physical activity program.

Fine Arts……1 Credit
Levels I-IV: Art, Dance, Music, Theater, OR Principles and Elements of Floral Design

Speech…… ½ Credit
Communication Applications, OR Professional Communications

Electives……4 Credits
Must be state-approved courses

Advanced Measures……FOUR
Find additional requirements in course catalog

Distinguished High School Plan
(26 Credits)

4th Year Mathematics Course Options:

Recommended Plan:
Mathematical Models with Applications (only If taken prior to Algebra II)
Mathematical Applications in Agriculture, Food, and Natural Resources(only if taken prior to Algebra II)
Engineering Mathematics
Independent Study in Mathematics
Precalculus
Statistics and Risk Management
AP Calculus AB or BC
AP Computer Science
AP Statistics
IB Mathematical Studies SL
IB Mathematics SL or HL
IB Further Mathematics SL
Advanced Quantitative Reasoning

Distinguished Plan:
Engineering Mathematics
Independent Study in Mathematics
Precalculus
Statistics and Risk Management
AP Calculus AB or BC
AP Computer Science
AP Statistics
Dual Credit College Algebra
IB Mathematical Studies SL
IB Mathematics SL or HL
IB Further Mathematics SL
Independent Study – Intro to College Algebra
Advanced Quantitative Reasoning

Note: Three credits of mathematics must be taken during grades 9-12. Courses taken in Junior High such as Algebra I and Geometry will count toward the mathematics requirement for high school. It is CISD's expectation that students take math all four years they are in high school.

4th Year Science Course Options:

Advanced Animal Science
Advanced Biotechnology
Advanced Plant and Soil Science
Anatomy and Physiology
AP Biology
AP Chemistry
AP Environmental Science
AP Physics B or C
Aquatic Science
Astronomy
Earth and Space Science
Engineering Design and Problem Solving
Environmental Science
Food Science
Forensic Science
IB Biology
IB Chemistry
IB Environmental Systems
IB Physics
Medical Microbiology
Pathophysiology
Scientific Research and Design

Conroe ISD High School Graduation Requirements
Students entering 9th grade in Fall 2007 through Fall 2009

Recommended High School Plan

English……4 Credits
English I, II, III, IV

Mathematics……4 Credits
Algebra I, Geometry, Algebra II
See list of approved 4th year math courses.

Science……4 Credits
Biology, IPC, Chemistry, Physics
See list of approved 4th year science courses.

Social Studies……4 Credits
World Geography, World History, US History, Government/Economics

Language other than English..2 Credits
Must consist of 2 credits of the same language.

Health……½ Credit
or Health Science Technology

P.E. or P. E. Substitute…..1½ Credit**
½ credit of Foundations of Fitness.
Can substitute Marching Band, Drill Team, Cheerleading, JROTC, Athletics, approved off-campus physical activity program, or certain career and technology education courses.

Fine Arts……1 Credit
Levels I-IV: Art, Dance, Music, Theater, OR Principles and Elements of Floral Design

Speech…… ½ Credit
Communication Applications, OR Professional Communications

Technology Applications……1 Credit
One credit selected from: Computer Science I or II, Desktop Publishing, Digital Graphics/Animation, Multimedia, Video Technology, Web Mastering, IS in Technology Applications, Business Information Management I or II, Computer Programming, Telecommunications and Networking, Digital and Interactive Media, Principles of Information Technology, Principles of Manufacturing, Printing and Imaging Technology, Audio Video Production, Internetworking I or II, or completion of 3 credits in a coherent sequence of courses for students in a Tech Prep high school plan of study

Electives……3.5 Credits
Must be state-approved courses

Recommended High School Plan
(26 Credits)

Distinguished Achievement Plan

English……4 Credits
English I, II, III, IV

Mathematics……4 Credits
Algebra I, Geometry, Algebra II
See list of approved 4th year math courses.

Science……4 Credits
Biology, Chemistry, Physics
See list of approved 4th year science courses.

Social Studies……4 Credits
World Geography, World History, US History, Government/Economics

Language other than English….3 Credits
Must consist of 3 credits of the same language.

Health……½ Credit
or Health Science Technology

P.E. or P. E. Substitute….1½ Credit**
½ credit of Foundations of Fitness.
Can substitute Marching Band, Drill Team, Cheerleading, JROTC, Athletics, approved off-campus physical activity program, or certain career and technology education courses.

Fine Arts……1 Credit
Levels I-IV: Art, Dance, Music, Theater, OR Principles and Elements of Floral Design

Speech…… ½ Credit
Communication Applications, OR Professional Communications

Technology Applications……1 Credit
One credit selected from: Computer Science I or II, Desktop Publishing, Digital Graphics/Animation, Multimedia, Video Technology, Web Mastering, IS in Technology Applications, Business Information Management I or II, Computer Programming, Telecommunications and Networking, Digital and Interactive Media, Principles of Information Technology, Principles of Manufacturing, Printing and Imaging Technology, Audio Video Production, Internetworking I or II, or completion of 3 credits in a coherent sequence of courses for students in a Tech Prep high school plan of study

Electives……3.5 Credits
Must be state-approved courses

Advanced Measures……FOUR
Find additional requirements in course catalog

Distinguished High School Plan
(26 Credits)

4th Year Mathematics Course Options:

Recommended Plan:
Mathematical Models with Applications (only If taken prior to Algebra II)
Precalculus
Independent Study in Mathematics
Engineering Mathematics
AP Statistics
AP Calculus AB or BC
AP Computer Science
IB Mathematical Studies SL
IB Mathematics SL or HL
IB Further Mathematics SL
Statistics and Risk Management
Concurrent Enrollment in College Courses
Advanced Quantitative Reasoning

Distinguished Plan:
Precalculus
Independent Study in Mathematics
Engineering Mathematics
AP Statistics
AP Calculus AB or BC
AP Computer Science
IB Mathematical Studies SL
IB Mathematics SL or HL
IB Further Mathematics SL
Statistics and Risk Management
Advanced Quantitative Reasoning
Concurrent Enrollment in College Courses

Note: Three credits of mathematics must be taken during grades 9-12. Courses taken in Junior High such as Algebra I and Geometry will count toward the mathematics requirement for high school. It is CISD's expectation that students take math all four years they are in high school.

4th Year Science Course Options:

Advanced Animal Science
Advanced Biotechnology
Advanced Plant and Soil Science
Anatomy and Physiology
AP Biology
AP Chemistry
AP Environmental Science
AP Physics B or C
Aquatic Science
Astronomy
Earth and Space Science
Environmental Science
Food Science
Forensic Science
IB Biology
IB Chemistry
IB Environmental Systems
IB Physics
Medical Microbiology
Pathophysiology
Scientific Research and Design

Recommended Sequence for Taking Required Courses

Students should be familiar with graduation requirements and take care in planning course selections. Although counselors work with students to ensure that students are enrolled in courses relevant to graduation requirements, it is ultimately the responsibility of each student to verify that all credit requirements are met for the individual's graduation plan. The 4-Year Plan below suggests a sequence for taking required courses, but is not intended to be your child's specific 4-year plan. Our high schools offer various schedules, and this plan is based on the average number of offerings per year:

GRADE 9	**CREDIT**
English I	1.0
Biology	1.0
Math	1.0
W. Geography	1.0
P.E. or Substitute***	1.0
Speech*	0.5
Health	0.5
Electives/LOTE	1.0

GRADE 10	**CREDIT**
English II	1.0
Chemistry	1.0
Math	1.0
W. History	1.0
P.E. or Substitute***	0.5
Fine Arts	1.0
Technology**	1.0
Electives/LOTE	1.0

GRADE 11	**CREDIT**
English III	1.0
Physics	1.0
Math	1.0
U.S. History	1.0
Electives/LOTE	3.0

GRADE 12	**CREDIT**
English IV	1.0
Science**	1.0
Math	1.0
Government	0.5
Economics	0.5
Electives/LOTE	3.0

*Communications Applications or Professional Communications are the only two courses allowed for the speech credit.
** Students entering ninth grade in 2010 and after do not have a Technology requirement.
*** Students entering ninth grade in 2010 are only required to take 1 credit of P.E.

Students must take all required courses in sequence. This is especially important in math courses. No student will be allowed to take a math course in which he/she has not successfully completed all of the prerequisite course(s).

Students who have not passed one or more portions of the TAKS Exit will be required to be enrolled in a course that corresponds to the TAKS subject for which the student needs additional instruction and support.

Sequence of Courses

Students may not take more than 1 required core course per academic school year in English, mathematics, science and social studies without principal approval. The four-year plan must indicate the student's intention to take additional courses for elective credit during the junior and/or senior year.

Assignment to Classes and Levels of Courses of Study

The District's high schools offer Level Courses, Pre-Advanced Placement/Honors Courses, Dual Credit Courses, Advanced Placement Courses, Career and Technical Education Courses, and Special Education Courses. A brief description of each follows.

Level Courses

Level courses are designed to provide students a high level of academic preparation that will enable the student to prepare for post-secondary educational opportunities and /or joining the community work force.

PreAP and Honors Courses

The PreAP and Honors classes include the curriculum of the level classes, but with a more in-depth study of the areas within the course. Honors designation indicates an accelerated course in areas where there is no PreAP course available. (ex: level, Honors, Advanced Placement). The PreAP and Honors curriculum is designed to prepare students for Advanced Placement or for the next Honors course in that subject area. Students who are successful in

Honors and PreAP classes should consider taking Advanced Placement courses. Honors courses are accelerated courses with enriched content. Honors/PreAP courses are offered in English, LOTE, mathematics, social studies, science and computer science. Careful consideration should be given when deciding to take advanced courses as class sizes may limit a school's ability to allow a student to change levels. **These courses require more individual initiative, analytical reading, student interaction, research, and time for outside class preparation. Students should be prepared to spend more time on homework.** Students are better prepared for Advanced Placement and Dual Credit classes upon successful completion of Honors/PreAP courses.

Dual Credit Courses

The high school/college dual credit program will provide qualified high school students an opportunity to earn high school credit toward graduation, as well as college credit for designated courses. Students can select these courses when preparing their high school graduation plan and graduate with college credit hours that can be used toward completion of a college degree. Students should be aware of campus and college deadlines for submitting all required forms and payments.

Texas Higher Education Assessment (THEA):
Students must take the THEA (or an alternative test such as the eCOMPASS) and pass the appropriate sections, PRIOR to taking Dual Credit classes, OR be exempt based on SAT or ACT scores. (Lone Star College- Montgomery encourages incoming freshman to take the THEA alternative eCOMPASS on the high school campus – it is free.) The information about this eCOMPASS test is offered through the College and Career Center of any CISD high school and on the District's College Readiness website. Students may retake any section not passed 30 days after first taking the test, or take the eCOMPASS at the college. The following scores on any one of the tests listed below are sufficient to exempt a student from the THEA (however, each institution may have additional standards): As of May, 2004, the THECB approved the following score on Exit Level TAKS to exempt a student from the THEA:

- 2200 Math and English Language Arts with Writing sub score of "3" (note that **Lone Star College System does not recognize a TAKS exemption for math.**)
- ACT – Composite 23 with minimum Math – 19, English—19
- SAT – Composite 1070 with minimum critical reading –500, math—500

Lone Star College-Montgomery requires a math placement exam before students may enroll in college credit-producing math and/or science courses at the college.

College credits earned through the Dual Credit Program will be accepted by most institutions on the same basis as other college credit. Proof of registration must be provided to the high school counselor. Dual credit grades will count in the GPA. Students who are approved for off-campus college courses have either first or last period release time in the high school schedule for this course. Those who drop the course after the first two weeks of class, or do not attend the course, will receive an F on the high school transcript for that course. All dual credit courses do count for UIL eligibility purposes (no pass, no play) whether they are taken on or off campus.

Students taking dual credit courses off campus must enroll in college classes that will not conflict with courses on the high school campus. Lunches and schedules will not be adjusted in order to accommodate college courses. Taking an off-campus course will not guarantee a parking space at the high school. Students may schedule a dual credit college course at a time after 3:00 p.m. if that best fits their schedules. Please address any question to the high school counselor**.**

- Dual credit courses must be approved by the high school counselor in advance, and
- Must meet college admissions deadline in accordance with campus deadlines for course requests.

<u>Dual Credit Grade Points</u>
Students taking dual credit courses will receive grade points according to the following:

1. Course taught off of the high school campus receives <u>level grade points</u> commensurate with the grade earned.
2. **Core academic** courses taught on the high school campus receive the maximum grade points available for the grade earned. DC College Algebra course taken on campus will receive the "honors" grade points.
3. All other courses will be awarded level grade points.

Conroe ISD Approved Dual Credit Courses for Lone Star College

CISD Course #	CISD Course Title	CISD Credits	LSC Course #	LSC Course Title	LSC Credits
216	English III (CCHS, CHS, ORHS)	1	ENGL 1301 ENGL 1302	Composition and Rhetoric I	6
216	English III A (CCHS, CHS,ORHS)	.5	ENGL 1301	Composition and Rhetoric I	3
216	English III B (CCHS, CHS,ORHS)	.5	ENGL 1302	Composition and Rhetoric II	3
217	English IV (CCHS, CHS, ORHS)	1	ENGL 2332 ENGL 2333	Composition and Rhetoric II	6
217	English IV A (CCHS, CHS,ORHS)	.5	ENGL 2332	Survey of World Literature (Ancient to mid 17th century)	3
217	English IV B (CCHS, CHS,ORHS)	.5	ENGL 2333	Survey of World Literature (mid 17th century to present)	3
221	English IV (CHS, TWHS, TWCP)	1	ENGL 1301 ENGL 1302	Composition and Rhetoric I	6
221	English IV A (CHS, TWHS, TWCP)	.5	ENGL 1301	Composition and Rhetoric I	3
221	English IV B (CHS, TWHS, TWCP)	.5	ENGL 1302	Composition and Rhetoric II	3
190	Independent Study: College Algebra	1	MATH 1314	College Algebra	3
	Precalculus A	.5	MATH 1316	Trigonometry	3
	Precalculus B	.5	MATH 2412	Precalculus	3
113	US History A (CCHS,CHS,ORHS,TWCP)	.5	HIST 1301	United States History I	3
113	US History B (CCHS,CHS,ORHS,TWCP)	.5	HIST 1302	United States History II	3
134	Psychology	.5	PSYC 2302	General Psychology	3
136	Sociology	.5	SOCI 1302	Principles of Sociology	3
115	Government	.5	GOVT 2301 GOVT 2302	American Government I American Government II	3 3
120	Economics	.5	ECON 2301	Macroeconomics	3
	Art History A	.5	ARTS 1303	Art History Survey I	3
	Art History B	.5	ARTS 1304	Art History Survey II	3
	Theater Arts I		DRAM 1310	Introduction to Theater	3
	Foundations of PE	.5	KINE 2222	Fitness for Life	3
574	Aerobics	.5	KINE 1114	Aerobics	3
	Spanish III (as terminal course)	1	SPAN 1412	Spanish II	3
K255	Business Law	.5	BUSI 2301	Business Law I	3
K252	Business Information Management I	1	COSC 1401	Microcomputer Applications	3
K451	Law Enforcement I	.5	CRIJ 1301	Introduction to Criminal Justice	3
K451 K452	Law Enforcement I Law Enforcement II	1	CRIJ 1307	Crime in America	3

Advanced Placement

Conroe ISD encourages teachers, counselors, and principals to make equitable access a guiding principle for their advanced academic programs. Conroe ISD is committed to the principle that all students deserve an opportunity to participate in rigorous and academically challenging courses and programs. All students who are willing to accept the challenge of rigorous academic curriculum will be considered for admission into PreAP and AP courses. Conroe ISD encourages the elimination of barriers that restrict access to these programs for students from ethnic, racial, and socio-economic groups that have been traditionally underrepresented in the advanced programs.

Advanced Placement (AP) Courses are the most advanced and rigorous academic courses offered by the district. This program gives students the opportunity to pursue college-level studies while still in secondary school and to receive advanced placement credit (dependent upon taking the AP test and achieving an acceptable score for individual colleges/universities) upon entering college. All AP courses have received College Board authorization, and each course syllabus is available for review on the campus web page. For more information refer to www.collegeboard.com. **Students should plan for 1 to 3 hours of homework per day per course.** Students are expected to take the College Board Advanced Placement Tests in May. AP exams cost $87 each (2013). This cost could be reduced pending state funding. Please see your counselor for further details. Financial aid is available for students who sign up and qualify by the published deadline. Academic ability, motivation, and willingness to work are considered in placing students.

Course credit or advanced placement credit is awarded by many colleges and universities to students who score a 3, 4, or 5 on the advanced placement examination that is given in the late spring of each year. AP courses are taught at the college level. Students are encouraged to check with the colleges and universities they are interested in attending to learn more about AP score requirements (www.collegeboard.com). Students are urged to consider how much time they will need to prepare for AP courses, other courses, and extracurricular activities prior to selecting courses.

Advanced Course Agreement

Students are encouraged to take the most rigorous courses in which they can be successful. Taken into consideration are the student's grades, work ethic, responsibility, quality of work, etc., demonstrated throughout the year. Parents may request the student be placed in a higher level or a lower level course. An Advanced Course Agreement must be signed by the parent as well as the student. The advanced course agreement specifically states that the student is expected to remain in the requested level for the entire year. At the end of the first semester, administration, parents, teacher, and student may evaluate the plan established earlier in the semester along with current student progress and may make an adjustment to the student's schedule. Any change will only be made on a space available basis. Agreements can be obtained in the Counseling Center.

Conroe Independent School District
Student and Parent Agreement for Enrollment in Advanced Courses
Honors, Pre-AP, AP, Dual Credit

CISD encourages all students to enroll in available advanced placement (AP) and Pre-AP classes to enhance their academic experience. Any CISD student may enroll in Pre-AP or AP classes as his or her schedule permits.

AP and Pre-AP classes offer a high degree of rigor designed to prepare the student for success in higher academic pursuits. The purpose of a Pre-AP course is to prepare students for college-level work which they will experience in AP classes. AP courses provide college-level instruction and culminate in AP exams that are designed by the College Board. Students who successfully complete AP exams may receive college credit.

- Characteristics of a Pre-AP, AP, Dual Credit class are:
  - Student-initiated learning with an emphasis on strong work ethic;
  - Rigorous academic content in AP requiring reading proficiency;
  - More depth and complexity
  - Application of content strategies
  - Consistent use of higher-level thinking skills
  - Assignments are more analytical
  - Required commitment to course inside and outside of classroom

AP courses differ from regular high school courses in that instructors use advanced curricula that is outlined by the College Board and authorized through the College Board's audit process. Pre-AP courses focus skill development, habits of mind, and in-depth preparation in a subject area that is necessary to master the skills required to achieve success in AP courses. Other characteristics of advanced courses include content immersion, a fast pace, and assessment of performance at the analysis and synthesis levels.

While we expect students to be very successful in Pre-AP, AP, or Dual Credit classes, a close look at the student's total course load and commitments to other activities should be taken into deliberation when choosing how many of these courses to take during a semester. **For some students, the best way to begin moving into these courses is by beginning with one, until they better understand the expectations and time commitments involved.**

CISD strongly believes that PreAP, AP, and Dual Credit courses provide enhanced academic opportunities for students that will assist them in future academic or nonacademic pursuits. At the same time, the District recognizes that students may experience initial surprise or difficulty in managing the increased course requirements. A struggling student and his/her parent/legal guardian should schedule a conference with the teacher and counselor in order to create strategies to be implemented over a period of time. To ensure students allow sufficient time to become acclimated to the classes and what the PreAP and AP curriculum can offer, the District expects that any student who enrolls in the PreAP or AP class **will remain in the course for the entire year**. It is essential that the student give his/her maximum effort to succeed. At the end of the first semester, administration, parents, teacher, and student may evaluate the plan established earlier in the semester along with current student progress and may make an adjustment to the student's schedule. Any change will only be made on a space available basis.

Student Agreement

My signature below confirms that I am familiar with the expectations of the AP/Pre-AP/Dual Credit course and accept its academic challenges. I agree to devote my best efforts to successfully complete the course. I understand this class offers increased rigor and challenge and I agree to request help when I need it and to attend tutorials if I fall behind in class assignments or experience difficulty with course content. I understand that my success in this AP/Pre-AP course is primarily my responsibility. **I understand and agree that a schedule change will only be considered after the first semester if the conditions stated above have been met.**

_____	_____	_____
Signature-Student	Printed Name	Date Signed

Parent/Legal Guardian Agreement

My signature below confirms that I have read and am familiar with the course description and syllabus for the AP/Pre-AP/Dual Credit course. I understand that the course requires increased rigor and challenge and I agree to support and encourage my student to successfully complete this course. I will notify the teacher immediately of any concerns I have relating to the AP/Pre-AP/Dual Credit class or my student's progress. **I understand and agree that my student will only be considered for a schedule change after the first semester if the conditions stated above have been met.**

_____	_____	_____
Signature – Parent/Legal Guardian	Printed Name	Date Signed

It is the policy of the District not to discriminate on the basis of race, color, national origin, sex, or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973 as amended. For information about your rights or grievance procedures, contact the Title IX Coordinator, Carrie Galatas, at 3205 W. Davis, Conroe, Texas 77304 (936-709-7700), and/or the Section 504 Coordinator, Sally Maxwell, at 3205 W. Davis, Conroe, Texas 77304 (936-709-7670).

Gifted and Talented

Pre Advanced Placement and Advanced Placement at the 9th and 10th grade level and Advanced Placement at the 11th and 12th grade level serve the gifted and talented students. Information regarding testing for Gifted and Talented placement may be obtained in the counseling office.

Special Education

The goal of an effective special education program is to provide each special education student with an opportunity to be successful in the least restrictive, educational and/or work environments. A variety of instructional settings are used to promote academic and/or career and technology learning based on students' individual needs and personal goals for adult life. Conroe ISD is committed to the instruction of academic competencies, personal growth, skills, and decision-making and problem solving skills that are recognized as critical for success in high school and adult independent living. To achieve these goals, an Individual Education Plan (IEP) will be developed for each student, with special education and/or regular education staff working together to modify materials or instruction determined as appropriate by the Admission, Review and Dismissal (ARD) Committee. Should you have any questions concerning the special education program, please call the counselor or special education diagnostician.

Special Education Classes

These courses are specially designed for students who have a modified curriculum in accordance with their individualized education plan (IEP).

Homebound Services

Referrals for consideration of homebound services through general education or the special education department are forwarded from the Response to Intervention (RtI) team. Students who will miss school for 4 or more consecutive weeks due to medical reasons may qualify for homebound services. It is an ARD/General Education Homebound Committee's decision to determine if a student meets eligibility criteria. Please contact your child's counselor for more information.

Foreign Exchange Students

The purpose of a foreign exchange program is cultural and social, not for graduation purposes. The District limits the number of foreign exchange students at each of its high schools through a waiver with the Texas Education Agency. The exchange student must reside within the school's attendance zone to be enrolled. Because of space limitations, foreign exchange students who have graduated from a comparable high school program in their home country are not eligible to be foreign exchange students in CISD. Foreign exchange students are classified as 11th grade students and are not placed on a graduation plan. These students may waive taking the TAKS exit level tests, however they will be required to take STAAR EOC tests. Foreign exchange students are encouraged to take courses such as American History and Government, as well as elective courses which enhance the cultural and social experience of school. Courses will be assigned upon registration. Foreign exchange students must meet the same guidelines for class placement and level changes as all other District students. All students who have English as a second language must be tested for English proficiency.

Foreign exchange students who wish to apply for graduation must request an official transcript from the last school the student attended. Transcripts should be received prior to the student enrolling in the District. The transcript will be evaluated to determine eligibility for graduation. Foreign exchange students who apply for graduation must meet the same course and testing requirements as all other District students.

College Readiness

How Can I Make Sure My Student Is College Ready?

- Students who take the most rigorous courses tend to be more successful on college entrance tests and in their college courses.
- Students who take more math show higher success rates.
- Students who spend time reading score higher on tests and perform better once on the college campus.
- Writing skills are very important across the curriculum. Knowing one's audience, writing concisely and in an organized, coherent manner is paramount.
- CISD has PSAT, SAT, and ACT prep courses available.
- Work on time management, self-advocacy, and persistence with your child.

Four Key Dimensions of College Readiness

- Key Cognitive Strategies: Analytic reasoning, problem solving, inquisitiveness, precision, interpretation, evaluating claims.
- Key Content Knowledge: Writing skills, algebraic concepts, key foundational content, and "big ideas" from core subjects.
- Academic Behaviors (self-management): Persistence, time management, study group use, awareness of performance, self-advocacy.
- Contextual Skills and Awareness ("college knowledge"): Admissions requirements, cost of college, purpose and opportunities of college, types of colleges, college culture, interacting with professors.

Measuring College Readiness

Testing scores can denote college readiness:

SAT	**1500** (on 2400 scale)	
ACT	English	**18**
	Math	**22**
	Reading	**21**
	Science	**24**
THEA	Reading	**230**
	Math	**230**
	Writing	**220**

Exemptions:

- **2200** Math and English Language Arts with Writing sub score of "**3**"
- SAT **1070** on Critical Reading/Math combined with minimum **500** on critical reading and **500** on math
- ACT Composite **23** with minimum math of **19** and English **19**

Students must also have graduated on the Recommended High School or Distinguished Achievement Plan in order to apply to a state 4-year institution (or meet the SAT or ACT requirements above). This applies to all students, including those in the top 10%.

Testing Information

TAKS

Required for Graduation for students entering grade 9 prior to the fall of 2011. In 2012-2013, 11th grade students will take the TAKS Exit test in English Language Arts, Math, Science, and Social Studies. The state of Texas graduation requirements include passing all parts of the 11th grade Exit Level tests. Retesting opportunities will be available in the summer, fall, and spring of each year. Students may be required to take preparatory classes for this test.

STAAR

Required for graduation for students entering grade 9 in the fall of 2011 or later. Beginning in 2011-2012, students in grades 9 and below are required to take STAAR End of Course (EOC) exams for corresponding high school courses in which they are enrolled. Tests administered for EOC are Algebra I, Geometry, Algebra II; English I, II, III; Biology, Chemistry, Physics; and World Geography, World History, U.S. History.

Scores achieved on each EOC will count as 15% of the final course grade, and will be a factor in the awarding of credit for each EOC-tested course. Students are required to have a cumulative score set by the state in each content area. Students graduating on the Recommended High School Plan must meet the cumulative score requirement **and** meet Satisfactory Academic Performance on English III and Algebra II EOC's. Students graduating on the Distinguished Achievement Plan must meet the cumulative score requirement **and** meet the Advanced Academic Performance on English III and Algebra II EOC's.

More information regarding STAAR EOC can be found at http://staar.conroeisd.net This information will be continually updated as more information is received from the Texas Education Agency.

PSAT

The Preliminary SAT/National Merit Scholarship Qualifying Test is scheduled one time only during the third week in October. It is administered to sophomores and juniors during the school day. This practice test for the SAT is also the qualifying exam for the National Merit Scholarship Program, the National Hispanic Recognition Program, and the National Scholarship Service for African-American Students. It covers critical reading, writing, and math skills. It is a valuable predictor for success in higher level courses, for future SAT scores, and for success in college. Many scholarship and college applications ask for junior year PSAT scores. While only juniors are eligible for scholarship consideration, sophomores and freshmen may take the test for practice.
Price: No charge to sophomores and juniors

ACT

The ACT is one of two college entrance exams required by most colleges and universities. The ACT tests skills in English, math, science, and reading. There is also a recommended 30-minute essay test available for an extra charge. Scores range from 1 to 36 on each section. Those scores are combined into a composite score which also ranges from 1 to 36. A score above 20 is generally in the top 50%. The ACT is administered on Saturdays about 6 times a year. Registration with ACT is required about six weeks in advance. http://www.actstudent.org
Price: $34, plus $15.50 for writing section

Fee Waivers are available. See your counselor for more information

SAT

The SAT Reasoning Test is one of two college entrance exams required by most colleges and universities. The SAT tests verbal and mathematics reasoning skills, and writing ability. Scores range from 200 to 800 on each section. A score of 500 on each section is generally in the top 50%. The SAT is given on Saturdays about 7 times a year. Registration with the College Board is required about six weeks in advance.
http://www.collegeboard.com/student/testing/sat
Price: $49

Fee Waivers are available. See your counselor for more information

SAT Subject Tests

The SAT Subject Tests are one-hour multiple choice tests. They provide the opportunity for students to demonstrate mastery of specific subjects in the areas of English, history, mathematics, science, and languages. Some colleges and universities require specific exams for admission or placement, and some award credit for high scores. Scores range from 200 to 800, with credit consideration typically given for scores above 560. Students should register for these tests after completing the highest level courses in the subject areas. The SAT Subject Tests are given on Saturdays about 6 times a year. Up to three exams may be taken on the same day, but the SAT Reasoning Test may not be taken on the same day. Registration with the College Board is required about six weeks in advance.
http://www.collegeboard.com/student/testing/sat
Price: Basic registration $22. Language with Listening Test add $22. All other subject tests $11.

Fee Waivers are available. See your counselor for more information

AP – Advanced Placement Exams

The College Board AP exams are given once a year, in May, during the school day. Each three hour exam covers college level content in a specific course. The tests consist of both multiples choice and essay questions. Foreign Language exams include a speaking and listening section. Scores range from 1-5, with most colleges awarding credit for scores of 3 or better. Registration takes place in March in the counselors' office.
Price: $87 *See page 12 for more details.*

Fee Waivers are available. See your counselor for more information

THEA

The State of Texas requires all students to demonstrate college level readiness in reading, math, and writing before taking any courses that count towards a college degree. Students may be exempt from this test with specified scores on either the TAKS, SAT, or ACT. This test is given only on college campuses. Preregistration is required. Meeting THEA standards is also required for any dual credit classes.
Price: $29

Fee Waivers are available. See your counselor for more information

COMPASS

COMPASS is an untimed, computerized test used primarily to qualify students for dual credit admissions. To check for test schedules and to register, go to http://ready.conroeisd.net/Dual_Credit . For more details about the test, go to http://www.act.org/compass/student?
Price: No charge at this time

NOTE: Prices listed are subject to change. Check the website listed or your counselor for current information.

Steps Toward College

Conroe ISD now offers a new web-based program , Bridges, that houses *Choices Explorer* designed specifically for junior high students and *Choices Planner* for high school students. *Explorer* helps your student explore a wide variety of career options and make plans to achieve his or her goals – from school or from home. It's as easy as choosing a favorite school subject or answering a few questions about one's interests or skills. *Your Portfolio* allows students to record exploration results so he or she may return to that information later.

Planner helps students explore education options, discover a wide variety of occupations, as well as build a four-year plan that you can review with your child. Students may take a variety of career inventories, research careers and access detailed information about more than 7,000 colleges, technical schools and graduate schools. There are tools to help build resumes, practice job search and interviewing skills and much more. All students in grades 8-11 will update their high school four-year plan annually.

Parents may also be given their own access for an adult version to research careers for themselves. Contact your child's counselor if you have any questions.

Seventh Grade – Fall

- Look at possibilities for taking courses for high school credit.
- Every seventh grade student has access to Bridges, an online education and career exploration system.
- Begin investigating careers and college majors by using your free XAP Bridges online account.

Eighth Grade – Fall

- Understand yourself. Recognize your strengths and interests. Choose your high school courses with these strengths and interests in mind.
- Begin to earn credits for high school.
- Access Bridges online education and career exploration system.

Eighth Grade – Spring

- Analyze high school courses available. Don't forget to look at Advanced Placement courses for college credit, tech prep courses, and dual credit options.
- Create your four-year plan for graduation from high school and for admission to the college/work and/or technical training institute of your choice using the district graduation program and anticipated college requirements as guides. Note prerequisites for desired high school courses.
- Attend high school orientation for incoming freshmen.
- Access information related to college requirements and opportunities by using websites such as College For All Texans (www.collegeforalltexans.com).
- Continue your career and college majors investigations, as well as build your high school 4-year plan through your XAP Bridges online account.

Freshman Year – Fall

- Focus on the importance of high school and make good academic decisions.
- Become familiar with careers that relate to your abilities and interests.
- Get involved in extracurricular activities sponsored by your school and/or community. (Colleges and sources of employment take note of your involvement, participation, teamwork, and leadership).
- Begin to develop a student resume or portfolio which lists all of your activities, awards, and honors.
- Be responsible for your education. Make sure your academic grades reflect your true ability and efforts. Take courses at the most challenging level you can handle.
- Talk with your parents about planning for college expenses.
- Get to know your counselor and visit the counseling office. Become familiar with the college and career resources available on your campus.
- Meet with college representatives who visit your high school and participate in College Night.
- Access your XAP Bridges online education and career exploration system to learn more about your career interests and aptitudes.

Freshman Year – Spring

- Investigate summer enrichment programs.
- Evaluate your course selections for your sophomore year and adjust your four-year plan as necessary.
- Access information related to college requirements and opportunities by using websites such as College For All Texans (www.collegeforalltexans.com) or Family Connections in Naviance.
- Update your 4-year plan on XAP Bridges.

Sophomore Year – Fall

- Continue to focus on the importance of high school and make good academic decisions.
- Write to all colleges of interest and request catalogs and information about their programs.
- Do your best on the PSAT in October. The test is given at school during the school day. Your counselor will provide more information.
- Be responsible for your education. Make sure your academic grades reflect your true ability and efforts. Take courses at the most challenging level you can handle.
- Get involved in activities outside the classroom. Work toward leadership positions in activities you like best.
- Become involved in community service and other volunteer activities.
- Get to know your counselor and visit the counseling office. Become familiar with the college and career resources available on your campus.
- Meet with college representatives who visit your high school and participate in College Night.
- Access information related to college requirements and opportunities by using websites such as College for All Texans (www.collegeforalltexans.com) or Family Connections in Naviance.
- Access Bridges online education and career exploration system.

Sophomore Year – Spring

- Continue to monitor college/work and/or technical training entrance requirements for changes. Modify your four-year plan if changes in the entrance requirements and/or changes in interests warrant it. Be flexible and proactive!
- Analyze all careers of interest. Research education/training needed for these careers.
- Investigate scholarship and financial aid options. Conference with your counselor. Utilize College for Texans or similar websites.

- Consult your counselor regarding the Texas Higher Education Assessment Test (THEA) and the Texas Assessment of Knowledge and Skills (TAKS).
- Access information related to college requirements and opportunities by using websites such as College For All Texans (www.collegeforalltexans.com) or Family Connections in Naviance.
- Update your 4-year plan on XAP Bridges.

Junior Year – Fall

- Access information related to college requirements and opportunities by using websites such as Naviance.
- Do your best on the PSAT in October. This is the qualifying test for National Merit Semifinalists. The test is given during the school day at your high school. Your counselor will provide more information.
- Begin to visit college/technical institute campuses of interest. Check the district policy on absences related to these visits.
- Narrow down the features that are important to you in a post secondary institution.
- Speak to college representatives who visit your high school.
- Continue to focus on the importance of high school and make good academic decisions.
- Learn about alternatives that are available after graduation. Continue to explore career interests.
- Be responsible for your education. Make sure your academic grades reflect your true ability and efforts. Take courses at the most challenging level you can handle.
- Research all financial aid, scholarships, loans, and grants that are available from the college/technical institute of your interest or available through the school and/or public/private agencies, churches, and organizations.
- Collect information about college application procedures, entrance requirements, tuition and fees, room and board costs, student activities, course offerings, faculty composition, accreditation, and financial aid. Utilize Naviance or similar websites.
- Get to know your counselor and visit the counseling office. Become familiar with the college and career resources available on your campus.
- Participate in College Night.
- Access information related to college requirements and opportunities by using websites such as College For All Texans (www.collegeforalltexans.com) or Family Connections in Naviance.
- Update your 4-year plan on XAP Bridges.

Junior Year – Spring

- Continue to conference with your counselor about your future and to make sure you are on track for graduation.
- Take the SAT or ACT or SAT Subject Tests in the spring or early summer.
- Review your four-year plan and coursework; increase challenge if necessary. Investigate AP classes.
- Check your class rank. It's never too late to improve. Colleges like to see an upward trend.
- Continue to add to your resume.
- Develop, write, and perfect college essays.
- Register for and take appropriate AP exams.
- Stay involved with your extracurricular activities.
- Visit college campuses and begin to fill out applications.
- Access to MyRoad is available beginning in January to juniors who have taken the PSAT.
- Access information related to college requirements and opportunities by using websites such as College For All Texans (www.collegeforalltexans.com) or Family Connections in Naviance.
- Access Bridges online education and career exploration system.

Senior Year – Fall

- Be responsible for your education. Make sure your academic grades reflect your true ability and efforts. Take courses at the most challenging level you can handle.
- Take SAT or ACT again if necessary and SAT Subject Tests if required by your college.
- Narrow down choices for colleges/universities or technical institutes. Keep in mind cost, admission requirements, and academic offerings.
- Attend College Night. Ask questions about financial aid.
- Observe deadlines for admissions, housing, and financial aid.
- Continue to apply for scholarships announced on your high school campus.
- Continue to visit college campuses and technical institutes of interest. Include a visit to the Financial Aid Office for information.
- Meet college representatives on your campus.
- Perfect and update college essays.
- Ask your counselor and teachers for recommendation letters early in the year.
- Turn in all college applications at least 2 weeks prior to the stated deadline.
- Investigate and apply for scholarships. Meet deadlines.
- Make a calendar showing application deadlines for admission, financial aid, and scholarships.
- Attend Financial Aid Night.
- Access information related to college requirements and opportunities by using websites such as College For All Texans (www.collegeforalltexans.com) or Family Connections in Naviance.
- Update your 4-year plan on XAP Bridges.

Senior Year - Spring

- Order and send transcripts by deadline.
- Register for and take AP exams.
- Observe deadlines for admissions, housing, and financial aid.
- Apply for FAFSA.
- Continue to apply for scholarships announced on your high school campus.
- Continue to participate in extracurricular and volunteer activities.
- Complete the senior exit survey in Family Connections in Naviance.

This is intended to encourage you to think about your future. Always seek information from parents, teachers, counselors, and college personnel. Ask questions!

NCAA Guidelines for College-Bound Athletes

Athletes interested in continuing their sport in college should refer to the NCAA Clearinghouse website www.ncaapublications.com/productdownloads/cb12.pdf for information about required courses (not all classes in high school may be used as core courses), GPA, and test requirements to determine qualifier status. Students should consult their counselor and coaches for more information.

Exploring Post-Secondary Options

In addition to online resources and those available from the counseling center at your campus, Conroe ISD offers several venues to assist you in planning for post-secondary pursuits:

1. College Night, held during the month of October, gives students and their parents an opportunity to visit with representatives from colleges and universities throughout the United States. Basic financial aid information is also presented.
2. Financial Aid seminars offer information related to financial need and explores such topics as completing the Free Application for Federal Student Aid (FAFSA), types of financial aid available, and other concerns of parents trying to pay for post-secondary education and training. Speakers at Financial Aid seminars present information to parents in all phases of saving for college.
3. Military Academies Night is for those students interested in pursuing appointments to one of the five military academies throughout the United States. Information covered includes a general background about what programs of study are available at each academy and how to proceed with applying to these academies. While all students are welcome, it is recommended that those seriously considering an appointment to an academy attend one of these meetings as early in their high school program as possible.
4. Campus-led informational nights are offered by each secondary campus for assisting students with college and financial aid information. Please see your counselor for more information.

Career Workplace Preparation

The 16 Career Clusters

A career cluster is a group of occupations and industries in related fields of study. Texas has adopted 16 career clusters. Within each cluster are pathways which are more specific groupings of similar occupations. To prepare for these occupations, students would select a program of study which in high school involves course selection. The goal is to have a seamless course of study from high school into college or other postsecondary education or training program. The electives students choose can complement their academic classes to prepare them for the challenges of the real world. An in-depth look at the clusters can be viewed online at these websites: www.achievetexas.org and www.careerclusters.org.

	Agriculture, Food & Natural Resources	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
	Architecture & Construction	Careers in designing, planning, managing, building and maintaining the built environment.
	Arts, A/V Technology & Communications	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
	Business Management & Administration	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
	Education & Training	Planning, managing and providing education and training services, and related learning support services.
	Finance	Planning, services for financial and investment planning, banking, insurance, and business financial management.
	Government & Public Administration	Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.
	Health Science	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
	Hospitality & Tourism	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel-related services.
	Human Services	Preparing individuals for employment in career pathways that relate to families and human needs.
	Information Technology	Building linkages in IP occupations framework; for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.
	Law, Public Safety, Corrections & Security	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
	Manufacturing	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
	Marketing	Planning, managing, and performing marketing activities to reach organizational objectives.
	Science, Technology, Engineering & Materials	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and resting services, and research and development services.
	Transportation, Distribution & Logistics	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Career and Technical Education Courses

The District offers career and technical education programs in a variety of areas. Courses offered are listed in the Career and Technical Education section of this guide. These courses are designed to meet a variety of needs and interests in technical and practical areas. Students from all academic levels enroll in these courses that integrate academic and application skills. Lone Star College – Montgomery and Conroe ISD have established the method by which students in identified technical preparatory classes will receive credit toward certain programs and/or degrees when the student completes high school and is enrolled in the program at the college. The District will take steps to ensure that lack of English language skills will not be a barrier to admission and participation in all educational and career and technology programs.

Students who complete Career and Technical Education courses may obtain the following industry certifications and licenses. However, due to instructional requirements, time in class may be limited to pursue certification. For more information on the certifications and licenses available, consult your counselor or Career and Technical Education teacher.

Course Number	Course	Certifications
K100	Principles of Agriculture, Food & Natural Resources	First Aid ($3), Junior Master Gardener ($0), Hunter Safety Course ($10)
K103	Small Animal Management	Canine Care & Training Program ($45), Certified Veterinary Assistant ($145)
K105	Veterinary Medical Applications	Certified Veterinary Assistant ($145)
K112	Food Technology and Safety	ServSafe ($36)
K114	Wildlife, Fisheries & Ecology Management	Hunter/Boater Safety ($10), TPWD Hunter Education ($15)
K117	Principles & Elements of Floral Design	Floral Certification ($100)
K124	Practicum in Agriculture, Food & Natural Resources	Certified Veterinary Assistant ($145)
K151	Interior Design	InDesign ($57), Autodesk-Revit ($57)
K155	Architectural Design	Autodesk-ACAD ($57), Chief Architect ($45)
K156	Advanced Architectural Design	Autodesk-ACAD ($57), Autodesk-Revit ($57), Chief Architect ($45)
K201	Animation	Autodesk 3ds MAX ($57)
K161	Construction Technology	NCCER ($0)
K162	Advanced Construction Technology	NCCER ($0)
K202	Advanced Animation	Autodesk 3ds MAX ($57)
K204	Advanced Audio Video Production	Adobe Premier Pro ($57)
K207	Graphic Design and Illustration	Photoshop ($57), Fireworks ($57), Flash ($57), In Design ($57)
K211	Commercial Photography	Photoshop ($68)
K250	Principles of Business, Marketing & Finance	Office: Word, Excel, PowerPoint ($68)
K252	Business Information Management I	Office: Word, Excel, PowerPoint, Access ($68)
K253	Business Information Management II	Microsoft Technology Associates ($68), Office: PowerPoint, Outlook ($68), Adobe InDesign ($57), Dreamweaver ($57), Flash ($57), Illustrator ($57), Photoshop ($57)
K255	Business Law	Office: Word, Excel, PowerPoint ($68)
K256	Global Business	Office: Word, Excel, PowerPoint ($68)
K277	Instructional Practices in Education and Training	CCEI Childhood Credential Certificate ($0)
K304	Accounting I	Quickbook ($99), Office:Excel: PowerPoint ($68)
K305	Accounting II	Office: Excel/PowerPoint ($68)
K350	Principles of Health Science	CPR/First Aid ($3), Certified Pharmacy Technician ($229)
K352	Health Science	First Aid ($3)
K353	Practicum in Health Science	Certified Pharmacy Technician ($229)
K377	Restaurant Management	ServSafe ($36)

Course Number	Course	Certifications
K379	Culinary Arts	ServSafe ($36)
K403	Lifetime Nutrition & Wellness	ServSafe ($36)
K406	Child Guidance	CCEI Childhood Credential Certificate ($0)
K411/412	Cosmetology I and II	State Board License ($186)
K425	Principles of Information Technology	Office: Word, Excel, PowerPoint ($68)
K426	Computer Maintenance	A+ ($173)
K431	Digital & Interactive Media	Autodesk 3ds MAX ($57), Fireworks ($57), Flash ($57), Photoshop ($57), Adobe InDesign ($57)
K432	Web Technologies	HTML ($100), Dreamweaver ($57), Photoshop ($57)
K438	Internetworking II	Cisco CCNA ($125-150)
K451	Law Enforcement I	9-1-1 Telecommunication ($0)
K475	Principles of Manufacturing	NCCER (Varies)
K476	Welding	AWS D1.1 Structural Steel Code Position ($15)
K477	Advanced Welding	AWS D1.1 Structural Steel Code Position ($15), NCCER (Varies)
K502	Entrepreneurship	InDesign ($57), Office: Word, Excel, PowerPoint ($68)
K505	Marketing Dynamics	A*S*K-Concepts of Finance, Fundamentals of Business Concepts, Fundamentals of Marketing Concepts ($25)
K506	Practicum in Marketing Dynamics I	A*S*K-Concepts of Finance, Fundamentals of Business Concepts, Fundamentals of Marketing Concepts ($25)
K528	Engineering Design & Presentation	Autodesk-ACAD ($57), Autodesk-Inventor ($57)
K529	Advanced Engineering Design & Presentation	Autodesk-ACAD ($57), Autodesk-Inventor ($57)
755	Certified Nurse Aide & Phlebotomy Training	Certified Nurse's Assistant/Phlebotomy ($93)
839/840	Welding I and II	AWS ($0)
851/852	Machine Shop I and II	NIMS ($0)

Advanced Technical Credit Program (ATC)

Students who plan to attend a community college may want to consider taking one or more articulated courses which can count toward an Associate of Applied Science degree (such as Automotive Technology, Paralegal Studies, Nursing, Veterinary Technology, and many others). Course articulation is dependent upon teacher certification. Students may take articulated courses their freshman or sophomore years, but **must** take an articulated course in their junior and/or senior year in order for those courses to be counted at the college level. The Lone Star College System has partnered with universities across Texas to build articulation agreements for graduates with AAS degrees. This will allow them to pick up immediately at the university where they left off at the community college. Students who think they might be interested in taking these classes should see their counselors.

Grading and Class Rank System

Grade Point System, Class Rank, and Other Grade-Related Issues

In an effort to recognize those students who have taken a more rigorous course of study, CISD has developed the following system for calculating GPA's:

Grade Range	Letter Semester Grade	*AP/DC	Core PreAP/H	Level & All Other Courses
90-100	A	6.0	5.0	4.0
80-89	B	5.0	4.0	3.0
75-79	C	4.0	3.0	2.0
70-74	D	3.0	2.0	1.0
Below 70	F	0	0	0

*Includes all AP courses plus dual credit **required** core courses taught on the high school campus.

Summa Cum Laude: Students who rank in the top 5% of their class according to GPA and have been enrolled in a CISD high school since January of their junior (11th grade) year.
Magna Cum Laude: Students who rank between the top 5% and 10% of their class according to GPA
Cum Laude: Students who rank between the top 10% and 15% of their class according to GPA.

For the purpose of maximizing the total number of end-of-year awards/honors, CISD high schools will include mid-year graduates in the third nine-weeks senior (twelfth grade) class membership.

State Awards

1. Students must be selected from the Summa Cum Laude graduates.
2. In the event that two or more students have the same grade point average, the awards will be determined by calculating numerical averages.

Grades

All semester grades for any courses taken are entered on the transcript. Grades are closed one semester after the end of any course. (Due to summer schedules, questions may be submitted for grades earned the final grading period until July 1 of the same year.) Since grade changes affect GPA, and ultimately the ranks of other students, it is very important to take care of these issues in a timely manner.

Transcripts

Grades for all courses taken are placed on the transcript and may not be removed. This includes courses taken at the junior high campuses for high school credit; however, junior high school courses are not calculated in the high school rank.

The transcript is the official student academic record. Transcripts include grades and credits for all courses attempted, grade point averages, class rank, and standardized state test scores.

Transcripts for currently enrolled students can be requested through the appropriate campus office. **Students 18 years and older must give written permission in order for a parent or other party to receive a transcript.**

Unofficial transcripts may be requested by the student and/or parent or guardian and given directly to the person requesting it. Students may make copies of their unofficial transcripts. Unofficial transcripts can also be accessed on the Parent View-It web system.

Official transcripts are transmitted directly from the campus to an authorized requesting institution. Official transcripts must be mailed by the registrar of the campus and may not be delivered by hand.

Courses Taken for No Credit or Retaken for Mastery

All courses taken receive a grade and are shown on the transcript. Courses taken and passed for the first time are computed in the rank. Any course previously passed and retaken for mastery will show on the transcript with the grade received but is not computed in the rank. Any course taken by a student counts in determining eligibility for no pass/no play purposes.

Grade Averaging for 2-Semester Courses

High school students failing the first semester of a two-semester course, but who pass the second semester of that course, shall receive credit for both semesters when the average of the two semesters of the course is at least 70. Students who pass the first semester but fail the second semester must repeat the second semester of the course. Students passing the first semester of a math or a LOTE course, but failing the second semester, must repeat the second semester in an approved summer school earning a passing grade, or repeat the entire course the following school year (taking the first semester for no credit) earning a passing grade of 70 or better for the second semester.

Grade Level Classification Requirements

The listing below is a summary of the minimum number of state credits needed to be classified as a Freshman, Sophomore, Junior, or Senior:

Freshman	0 - 5 .5 credits
Sophomore	6-11 .5 credits
Junior	12 - 17 .5 credits
Senior	≥ 18 credits

Students are reclassified during July at the end of each school year. An exception could be made for 11th grade students who file an early graduation plan with the counselor at the end of the tenth grade year. These students will be reclassified to the twelfth grade after the first term of their junior year if they are in the process of meeting all graduation requirements by May of that year. Check with your child's counselor for more information about early graduation. Local credit, which does appear on the transcript, is not included in determining credits for grade level classification and class rank.

Transfers and Transfer of Credit

Credit is awarded when an official transcript is received from the previous accredited school attended. Credit is awarded for all courses recognized by the Texas Education Agency.
In order for **home schooling or private school course credit(s)** to be awarded, one of the following criteria must be met:

1. Transcript received from an accredited school.
2. Transcript received from a non-accredited home school, non-accredited private school, or other organization, and
   A. Documentation of the curriculum followed and work completed by the student in each subject area must be provided. This documentation is reviewed based on the Texas curriculum guidelines (TEKS). Examples of documentation include:

      Curriculum Followed
      Lesson or unit plans
      Course syllabi
      Course goals and objectives
      Course scope and sequence

      Work Completed
      Tests and results
      Journals
      Videos
      Portfolios
      Laboratory reports
      Progress reports
      Art work projects

   and
   B. Credits will be awarded retroactively if the student earns a grade of 70 or better upon completion of one credit in each of the core courses (mathematics, science, English and social studies). Elective credits will be awarded retroactively if the 70 or higher grade is earned in the four core courses.

3. Credit by Examination in each individual subject area per semester (.5) credit. The cost of the examination(s) is the

student/parent's responsibility. A school administrator or counselor must approve all Credit by Examination courses. Once the student has enrolled, he/she must complete all Credit by Exams prior to the beginning of the next school year.

In determining whether a transfer grade should receive the extra grade points awarded similar courses at the receiving school, the following criteria will be used:

1. The sending school must be accredited and the course in question must be recorded on the transcript as "above level" (e.g. Honors or AP), and
2. The receiving school must offer that course at the same level.

These criteria will be used for both intra-district transfers as well as inter-district transfers.

Grade Transcription

Often a student may enter from another school that has a different grading system from CISD. In that case, grades will be transcribed in the following manner:

1. Convert numerical grade to sending school's letter equivalent.
2. Convert letter equivalent to our grading scale.
   Example: An incoming student's grading scale is
   94-100=A
   85-93 =B
   78-84 =C
   70-77 =D

If that student has a 91 in English – 91= B (85) with appropriate grade points.

The scale to be used is:

A+	98
A	95
A-	92
B+	88
B	85
B-	82
C+	79
C	77
C-	75
D+	74
D	72
D-	70
F	65

For those grading systems which award credit for grades in the 60's, those grades will be recorded as "70".

If any parent or student has a concern about the effect of this transcription on college admissions, the issue can be addressed in a counselor letter which, along with a copy of the former school's transcript, can be attached to the present transcript and mailed with each application.

<u>Grades from Other Countries</u>

Foreign transcripts will be evaluated in the following manner:

1. Transcripts from American or International schools with grading systems equivalent to the District's will be transcribed as any other domestic transcript.
2. Transcripts that reflect grading systems dissimilar to the District's will be evaluated and grades of "P" or "F" will be awarded. These grades will not be assigned grade points nor computed in the student's GPA.
3. For those records coming from countries who administer examinations rather than award course grades, course curriculum will be evaluated, examination grades noted, and "P's" recorded for equivalent courses on the receiving campus.

Academic Lettering

Academic awards including academic lettering are presented only to students currently enrolled in the District. Students meeting the following are eligible to receive an application for academic lettering:

1. A sophomore student having a cumulative average of 90 for all subjects their freshman year is eligible to receive a jacket and/or letter with no bars.
2. A junior student having a cumulative average of 90 for all subjects in either their freshman or sophomore year is eligible for a letter jacket with the appropriate number of bars or a letter.
3. A senior student having a cumulative average of 90 for all subjects in their freshman, sophomore, or junior year is eligible for a letter jacket with the appropriate number of bars or a letter.
4. Transfer students will become eligible to receive the appropriate award only after

completing one full year at a District high school in which the grade requirements (as outlined above) are met and their transfer grades meet the grade requirements of the award. The award will be given the fall semester of the following school year.

5. A student must complete the academic letter application and return it to the campus counseling center by the designated date. A student may receive only one jacket during his or her high school career.
6. Students must be currently enrolled to receive a jacket or a letter.

Eligibility for Extracurricular Activities

All students are eligible the first six weeks of the school year provided:

- Students promoted from a lower grade the previous year (not a repeating ninth grader). This would include first-time ninth graders promoted by a Grade Placement Committee.
- Second year high school students must have at least 5 state credits which count toward state high school graduation requirements.
- Third year students must have at least 10 state credits which count toward state high school graduation credits or 5 state credits the previous school year which count toward state high school graduation requirements.
- Fourth year students must have at least 15 state credits or 5 state credits the previous school year which count toward state high school graduation requirements.

At the end of the first six weeks, any student receiving a grade below a 70 in any class (except those identified as Advanced – see list below) is ineligible until the end of the nine-week grading period. If passing all classes at that time, the student will regain eligibility. From that point forward, students may lose eligibility at the end of each nine weeks. (Nine weeks grade in each course determines eligibility, not semester exams or semester averages.)

- At the end of a semester, eligibility of the student is determined by the Nine Weeks Grade, not the semester exam or the Semester Average.
- Eligibility can be regained at the three-week progress report if the student is passing all classes with a 70 or better.
- There is a one-week grace period before a student loses or regains eligibility.
- Students who score below a 70 in certain advanced courses (listed below) may petition the building principal for a waiver. All decisions by the principal are final.

For additional information regarding No Pass, No Play, consult the TEA – UIL Side by Side at http://www.utexas.edu/admin/uil/.

Conroe ISD courses which may be waived in accordance with campus procedures and with principal approval (Advanced Classes Identified for No Pass, No Play Exemption):

Advanced Placement Core Courses:
All

Dual Credit Core Courses:
All

English:
English I PreAP
English II PreAP

Mathematics:
Geometry PreAP
Algebra II PreAP
Precalculus
Precalculus PreAP

Science:
Biology PreAP
Chemistry PreAP
Physics PreAP
Organic Chemistry Honors
Anatomy and Physiology Honors
Advanced Biotechnology Honors

Social Studies:
World Geography PreAP

LOTE:
Spanish III PreAP
French III PreAP
German III PreAP
Latin III PreAP
Japanese III PreAP
Chinese III PreAP

Computer Science:
Computer Science I PreAP
Computer Science II PreAP

Junior High students are not eligible to waive courses.

Selection of Courses for Next Year

General Information

In the course description section you will find a brief description of every course offered in Conroe ISD high schools as well as any possible prerequisites. Students are urged to carefully plan their course selections. Although students will receive specific instructions and assistance from school counselors during the preregistration process, the responsibility for selecting appropriate career and graduation choices rests with students and parents. It is very important that students and parents give careful consideration to selecting appropriate courses. The choices students make on the course selection sheets determine the master schedule of course offerings available. The master schedule, though never perfect, is designed to maximize student opportunities and minimize scheduling conflicts.

Elective Courses

Elective courses are offered and will be taught dependent upon the number of students who sign up for each course. While selecting courses for the next school year, a student should also choose alternate electives which will be substituted in the event that the first choice elective is not being taught, is full, or conflicts with a required course. The number of elective offerings is based upon students' selections in the spring**.** Students who fail to list alternates will be placed in available courses which will fill the student's schedule. These courses are not eligible to be changed. In the case of limited space availability for an elective class, seats will be awarded based on grade level classification with preference given to upperclassmen.

Local Credit Courses

Courses receiving "local credit" do not qualify as state requirements for graduation or count for determining grade level classification. This means that local credit courses do not count toward graduation. The student's counselor can best assist in determining whether or not the individual should take a "local credit" course. While local credit courses do not count toward graduation requirements and classification purposes, these courses do count for no pass/no play eligibility for extracurricular activities.

Schedule Changes

Principals select and hire teachers and create the master schedule based on the student course requests. Because these selections determine the schedule, student schedule changes will only be made if a placement mistake has been made. Students receive a verification of the courses that they have selected in the spring. At that time, they will have the opportunity to change selections. Changes after this time will be done only if students have not taken the required pre-requisites for a course or who have been obviously misplaced in a course. In the event of a student being placed in the wrong course, he/she must continue to attend the scheduled class until the counselor makes the schedule correction. When a semester begins, administrative changes sometimes occur due to an imbalance of numbers in classes. This is done during the first few days of class and is done to better serve all students. Students should choose electives and alternates carefully. Those decisions are binding. Each campus sets the deadlines for submitting course changes.

Level Changes

CISD strongly believes that PreAP, AP, and Dual Credit courses provide enhanced academic opportunities for students that will assist them in future academic or nonacademic pursuits. At the same time, the District recognizes that students may experience initial surprise or difficulty in managing the increased course requirements. A struggling student and his/her parent/legal guardian should schedule a conference with the teacher and counselor in order to create strategies to be implemented over a period of time. To ensure students allow sufficient time to become acclimated to the classes and what the PreAP and AP curriculum can offer, the District expects that any student who enrolls in the PreAP or AP class will remain in the course for the entire year. It is essential that the student give his/her maximum effort to succeed. At the end of the first semester, administration, the parents, teacher, and student may evaluate the plan established earlier in the semester and current student progress and may make an adjustment to the student's schedule. Any change will only be made on a space available basis.

Examples of Typical Courses of Study for Core Content Courses

Typical Course Selection Options for English, Grades 9-12

	Grade 9	Grade 10	Grade 11	Grade 12
For students with advanced English skills or identified as gifted in English	English I PreAP	English II PreAP	AP English Language and Composition	AP English Literature
	English I PreAP	English II PreAP	English III Honors English III DC	English IV Dual Credit
For students who perform successfully in English	English I	English II	English III Honors	English IV Dual Credit or English IV Honors
	English I	English II	English III	English IV

Typical Course Selection Options for Social Studies, Grades 9-12

	Grade 9	Grade 10	Grade 11	Grade 12
For students with advanced Social Studies skills or identified as gifted in Social Studies	World Geography PreAP	AP World History	AP US History	AP Government AP Macroeconomics
	World Geography PreAP	World History Honors	US History Honors or US History Dual Credit	Government Honors Economics Honors or Government DC Economics DC
For students who perform successfully in Social Studies	World Geography	World History	US History	Government Economics
Social Studies Electives	Teen Leadership	AP Human Geography, AP European History, Psychology, Sociology, Teen Leadership	AP Human Geography, AP European History, AP Psychology, Psychology, Sociology, Teen Leadership	AP Human Geography, AP European History, AP Psychology, Psychology, Sociology, Teen Leadership

Typical Course Selection Options for Science, Grades 9-12

	Grade 9	Grade 10	Grade 11	Grade 12
For students with advanced Science skills or identified as gifted in Science	Biology PreAP	Chemistry PreAP	Physics PreAP	4th Science Credit Options: Advanced Animal Science, Advanced Biotechnology, Anatomy & Physiology, AP Biology, AP Chemistry, AP Environmental Science, AP Physics B or C, Aquatic Science, Astronomy, Earth & Space Science, Forensic Science, Medical Microbiology, Pathophysiology, Scientific Research & Design
For students who perform successfully in Science	Biology	Chemistry	Physics or Principles of Technology	

Typical Course Selection Options for Math, Grades 9-12

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
For students identified as gifted in Math (Algebra I in 7th grade)	Geometry PreAP	Algebra II PreAP	Precalculus PreAP	AP Calculus AB AP Calculus BC AP Statistics College Algebra DC IS: College Algebra	AP Calculus AB AP Calculus BC AP Statistics College Algebra DC IS: College Algebra
For students with advanced Math skills (Algebra I in 8th grade)	Algebra I	Geometry PreAP	Algebra II PreAP	Precalculus PreAP	AP Calculus AB AP Calculus BC AP Statistics College Algebra DC IS: College Algebra
For students who perform successfully in Math	PreAlgebra	Algebra I	Geometry	Algebra II Math Models	Algebra II Precalculus AP Statistics College Algebra DC IS: College Algebra
Math Electives					IS: Engineering Mathematics, IS: Research Project in Mathematics, Advanced Quantitative Reasoning

NOTE: The following courses may also count as a fourth math credit: Mathematical Applications in Agriculture, Food, and Natural Resources (must be taken as a fourth math course prior to Algebra II), Engineering Mathematics, Statistics and Risk Management, Advanced Quantitative Reasoning, AP Computer Science.

Revised 1/11/12

HIGH SCHOOL FOUR YEAR PLAN
For Students Entering 9th grade in 2010 and after

CISD GRADUATION PROGRAM: ☐ Recommended High School Plan ☐ Distinguished Achievement Plan (DAP)

Students are encouraged to take the most rigorous course of study possible, including PreAP and Advanced Placement courses.

9th Grade		
Subject	**Course**	**Credit**
EN	English I	
MA		
SC	Biology	
SS	World Geography	
FL	LOTE*	
	Total Credits	

10th Grade		
Subject	**Course**	**Credit**
EN	English II	
MA		
SC	Chemistry	
SS	World History	
FL	LOTE*	
	Total Credits	

11th Grade		
Subject	**Course**	**Credit**
EN	English III	
MA		
SC		
SS	US History	
	Total Credits	

12th Grade		
Subject	**Course**	**Credit**
EN	English IV	
MA		
SC		
SS	Government	
SS	Economics	
	Total Credits	

* Recommended to be taken during 9th and 10th grades.

Check off these requirements as you enter them on your plan:

_____ Fine Art (1 Credit)
_____ Speech (1/2 Credit)
_____ Health (1/2 Credit)
_____ PE or Waiver (1/2 Credit)
_____ PE or Waiver (1/2 Credit)
_____ Electives

ADDITIONAL REQUIREMENTS FOR THE DAP:
_____ LOTE (1 Credit)
_____ Extra Measures Required (refer to Course Catalog or counselor for information)

Verify that all graduation requirements have been scheduled.
Units of Credit: 1 semester class = ½ unit of credit each semester; 2 semesters of full-year classes = 1 unit of credit

TOTAL CREDITS REQUIRED = 26

Other Credit Opportunities

Campus Permission

Students who wish to take any course outside of the traditional schedule must get administrative approval. This includes correspondence courses, virtual on-line courses, credits-by-exam, dual credit, summer school, PLATO programs, and any college summer programs. This allows the school the opportunity to evaluate the program to determine what, if any, credit can be awarded.

Virtual/Online Courses

Students interested in taking online courses must see their counselor for information. It is important for students to know that online courses are rigorous, and are 100% TEKS aligned. Students taking online courses must meet the UIL eligibility requirements just as they would for any other course.

It is recommended students go to the link http://www.lonestar.edu/lsc-online/get-started.htm, and take the READI Assessment to determine their potential for success with online courses. A student should be serious when taking an online course, and should exhibit some of the following attributes and skills in order to be successful when taking an online course: self-starter, effective time manager, proficient in the use of technology, self-disciplined, keyboarding skills.

At this time CISD has an agreement to offer online Dual Credit courses through Lone Star College-Montgomery.

Correspondence/Virtual Online Courses from Outside Districts

The District permits high school students to take up to two credits via state approved correspondence or online courses. Correspondence courses are courses taken through the mail or online for high school credit. Typically students are permitted to only take elective offerings. Students are not permitted to take core academic subjects by correspondence and may be enrolled in only one correspondence course at a time. The campus principal must approve any exceptions. Correspondence courses must be taken from state-accredited institutions of higher education and require approval prior to enrollment. The deadline for graduating students to complete correspondence or online coursework and take required exams is **January 15** of each school year.

- Correspondence course grades are entered on the student's transcript and count in the GPA calculation as level grade points.
- NCAA eligibility may be affected.
- Students should be aware that no pass/no play rules are applicable to classes taken outside of the regular day for high school purposes. Failing a correspondence course will result in ineligibility.

Credit by Exam

The National Collegiate Athletics Association (NCAA) guide states that these examinations do not count for core Grade Point Average in determining eligibility.
There are two types of Credit by Exams:

Credit by Exam for Credit Recovery (taken class and failed or not completed)
A student who has received prior instruction in a course or subject, but did not receive credit for it, may, in certain circumstances, be permitted to earn credit by passing an exam on the essential knowledge and skills defined for the course or subject. To receive credit, a student must score at least 70 on the exam.
The attendance review committee may offer a student with excessive absences an opportunity to earn credit for a course by passing an exam. A student may not use this exam to regain eligibility to participate in extracurricular activities. Students may not take a credit by exam for the purpose of recovering credit while they are still enrolled in the course. For seniors, this means that students are not eligible to take an exam for recovering credit until the final exams begin. Students are responsible for the cost of this exam. The student will have the grade and grade point of the test recorded on his/her transcript.

Credit by Exam for Acceleration (not taken class before)
A student will be permitted to take an exam to earn credit for an academic course for which the student has not had prior instruction. The student must score a **90 or above** in order to receive credit. These scores are not computed in the Grade Point Average (GPA). These exams will be scheduled during June and August. Consult your child's counselor for specific times and locations.

If a student plans to take an exam, the student or parent must register with the counselor no later than 30 days prior to the scheduled testing date. The District will not honor a request by a parent to administer a test on a date other than the published dates.

High School Courses Taken in Junior High

All grades for high school courses taken in junior high school will appear on the high school transcript. High school courses taken during the 7th and/or 8th grades will be given the actual grade on the transcript, but the grades will not count in the calculation of the student's high school grade point average (GPA). High school credit will be awarded if a student passes the course. Credits for high school courses are awarded in half-credit units.

Students may earn high school credit for the course only once.

- Students who do not successfully pass **both** semesters of a two-semester high school course (i.e. Algebra 1) taken in junior high school will repeat the entire course in high school.
- If the student successfully completes only one semester of a two-semester high school course during junior high school (7-8), the student will receive .5 credits for the semester successfully completed in junior high school. The grade for both semesters taken in junior high along with .5 credits will appear on the student's high school transcript, but the student will receive no grade points for the semester in which credit was earned in junior high school.
- The student who successfully completes only one semester of a two-semester high school course taken in junior high school will need to repeat the entire course in high school. At the completion of the course in high school, the course and the grade will appear on the transcript along with the grade point for the semester course successfully completed in high school that was previously not passed in junior high school. No grade points or credits will be awarded for the semester course that was successfully completed in junior high school for which credit was already earned.
- Students who successfully pass both semesters of a course in junior high school, but elect to take the course again in high school will have the junior high course on their transcripts and the credit for the course. No grade points will be calculated for the junior high school course or the repeated course taken in high school since credit was already awarded. The numeric grades for courses repeated in high school will appear on the transcript, but the course will show no credits since credit was previously earned.
- When a student fails both semesters of a high school course taken in junior high school, the failing grade will appear on the high school transcript, but the course will not count as an attempt for grade point purposes. High school courses that are repeated because a student did not receive credit for the course in junior high school will be awarded credit (if the student passes) and receive grade points since no prior credit was awarded.

PLATO or Campus Computer-Generated Courses

Students taking courses on the PLATO computer program to recover a semester (or more) credit for a course previously failed, will be awarded a numeric grade and grade points for that PLATO course. Principal (or his/her designee) approval must be received for a student to take any course on the PLATO system as a first time offering. In this situation, the grade awarded will be a pass ("P") or fail ("F"), and no grade points will be awarded.

Private Physical Education Program Guidelines

Because enrollment numbers impact hiring decisions and schedule building, students must complete and submit an application to participate in private PE by May 1. The private physical education program is coordinated and monitored through the District Athletic Director's office. More information is available on the web site or in the counselor's office.

Students may obtain physical education credits through participation in private programs that meet the following criteria:

Category I: Individual Activities:
Students participating in approved Category I programs may be allowed early release time. However the program requirements must be met.

1. Must be an Olympic-type activity that involves a minimum of 15 hours of activity per week. The activity may not be a UIL sport in which the campus participates.
2. Program and facility must be approved by the Athletic Director's office prior to participation.
3. Instruction must be of high quality, delivered by a qualified person, in a facility with proper equipment to accommodate that instruction,
4. In order to receive .5 credits, the student must complete entire 18/-week (one semester) program. If a student quits a private PE program in which he/she was being released early from school (Category I), he/she must be scheduled into a PE class.
5. Two different programs cannot be combined to satisfy time requirements.

Category II: Team Sports and Supervised Approved Training:
Campuses may or may not make category II PE classes available to students. Check with your campus to determine if this option is available. No release time is granted for category II PE classes. Participation in such a program requires principal and District approval.

1. The activity must meet for a minimum of 5 hours per week.
2. No Physical Education credit will be given for participation in a team sport for **which Conroe ISD fields a UIL team** such as tennis and swimming. Physical Education credit will be given for participation in non-UIL activities on campuses which sanction a club in that activity. These programs may establish prerequisites, such as one year of successful participation. Examples of club sports are lacrosse, ice hockey, field hockey, roller hockey. In order for a club sport to be sanctioned:
    a. It must be approved by the campus Principal.
    b. It must have an adult sponsor/coach from the campus faculty.
    c. Students must comply with participation requirements as set forth by the "No Pass, No Play" Rule and the UIL.
3. Students attending a campus that does not have a club sport in an activity must be given an opportunity to participate at a campus that does have that club, but district transportation is not provided. A student can only receive credit on a team sanctioned by CISD.
4. Instruction must be of high quality, delivered by a qualified person, in a facility with proper equipment to accommodate that instruction.
5. Students will earn .5 credits for the year.

Summer School

Summer school courses are generally offered for remediation. However, some first-time credit opportunities are available. These courses are subject to student interest and availability. Grades in all summer courses will apply to grade point average and eligibility for extracurricular activities. (**Summer School grades will not be averaged with a first semester grade.**) High school courses taken by entering ninth graders who have successfully completed eighth grade will count towards the student's GPA. Students should consult the National Collegiate Athletics Association (NCAA) as to whether these courses count for core Grade Point Average. Students are charged a fee for summer school courses.

Catalog of Courses: Senior High

Courses are offered by all schools unless otherwise noted.
***CC**=Caney Creek* ***CH**=Conroe HS*
***O**=Oak Ridge* ***CP**=College Park*
***W**=The Woodlands*

Science

012 Biology
Credit: 1
Biology is a lab-oriented course involving a survey of living systems and their interrelationships. Topics include scientific method, biochemistry, cell structure and function, DNA structure and function, genetics, growth and development of organisms, taxonomy, kingdoms and ecology. Laboratory skills and safety procedures are stressed.

014 Biology I PreAP
Credit: 1
This is an accelerated laboratory/lecture course. Topics include scientific method, biochemistry, cell structure and function, DNA structure and function, genetics, human body systems, taxonomy, kingdoms and ecology. Laboratory skills and safety are stressed. Investigations, both individual and group, are integral components of the Pre-AP curriculum and may be performed both inside and/or outside of class.

015 AP Biology
Prerequisite: Chemistry and Physics
Credit: 1
The advanced placement biology program provides an opportunity for high school students to pursue college level course work and prepare for an exam that allows for college course credit. AP Biology students will be introduced to advanced topics and current aspects of biology, including these areas: biochemistry, cell structure and function, energy transformations, molecular genetics, heredity, natural selection, an overview of organisms and populations, plant and animal physiology, and ecology. Laboratory work is emphasized. A summer assignment will be required.

021 Chemistry
Prerequisite: Biology and Algebra I
Credit: 1
Chemistry I is a lab-oriented course that introduces the basic concepts of inorganic chemistry. Topics include scientific measurement and calculations, lab skills, atomic structure, chemical formulas, equations and stoichiometry, chemical bonding, states of matter, solutions, acids and bases, and nuclear chemistry. Laboratory skills and safety procedures are stressed.

023 Chemistry PreAP
Prerequisite: Biology and Algebra I
Credit: 1
Pre-AP Chemistry is a rigorous introductory course for students on an accelerated math and science track. Topics include scientific measurement and calculations, lab skills, atomic structure, chemical formulas, equations and stoichiometry, chemical bonding, states of matter, solutions, acids and bases, and nuclear chemistry. The topics will be covered with more depth of theory and with higher mathematical expectations than level Chemistry. Laboratory skills and safety are stressed. Investigations, both individual and group, are integral components of the Pre-AP curriculum and may be performed both inside and/or outside of class.

024 AP Chemistry
Prerequisite: Physics and Algebra II
Credit: 1
The course is equivalent to an introductory college course in chemistry. The topics covered follow Advanced Placement guidelines and include: atomic structure, balancing chemical equations, stoichiometry, acids and bases, equilibrium, kinetics and periodic trends. Laboratory investigations requiring formal laboratory reports will be performed 1-2 times per week. Students may be required to participate in additional class meetings for laboratory sessions outside of regular school hours to better prepare for the exam in May.

026 Applied Chemistry
Enrollment is determined by levels of success in prior math and science classes and prior STAAR scores.
Credit: 1 (O, CP, W)
Understanding how chemistry applies to daily life is the major emphasis of this course. The topics include scientific measurement and calculations, chemical formulas and equations, stoichiometry, atomic structure, chemical bonding, states of matter, and solutions. This is a course for students with limited mathematics skills.

031 Physics
Prerequisite: Chemistry and Geometry
Credit: 1
Physics is a lab-oriented course that studies motion and energy. A combination of laboratory experiments and theory are used to develop the following topics: velocity, acceleration, forces, momentum, energy, heat, sound, electricity, and light.

037 Physics PreAP
Prerequisite: Chemistry and Geometry PreAP
Credit: 1
Physics students will use higher level thinking skills to solve conceptual and numerical problems in laboratory investigations and mathematical computations. A combination of laboratory experiments and theory are used to develop the following topics: velocity, acceleration, force, momentum, energy, heat, sound, light, electricity, and modern physics. This course is more mathematically rigorous than level physics.

033 AP Physics B
Prerequisite: Physics and Precalculus
Credit: 1 (CC, CH)
AP Physics B is a college level physics course covering mechanics, heat, electricity, and magnetism, waves, light and sound. Problem solving will be rigorous. A variety of hands-on laboratory investigations and inquiry activities will be included.

035 AP Physics C
Prerequisite: Physics (031 or 032) and concurrent enrollment in Calculus
Credit: 1 (CH, O, CP, W)
AP Physics C is a calculus based college level physics course. It is designed for students who are planning to major in science or engineering. Major topic areas of study include classical mechanics, electricity and magnetism. Problem solving will be rigorous. A variety of hands-on laboratory investigations and inquiry activities will be included.

039 Earth and Space Science
Prerequisite: 3 credits of Science
Credit: 1
Earth and Space Science combines earth science, ocean science, atmospheric

science, and space science in a single course. In one year, students learn the basics and special topics of geology, oceanography, meteorology, and planetary astronomy in a course that builds upon the knowledge they learned in their earlier high school science courses of biology, chemistry, and physics.

040 Environmental Systems
Prerequisite: 3 credits of Science
Credit: 1
This course is designed to provide an overview of the interrelationships of the natural world. It will also examine environmental problems, both natural and human-made, and alternative solutions for resolving and/or preventing them.

041 Aquatic Science
Prerequisite: 3 credits of Science
Credit: 1
This course introduces students to the study of aquatic environments and organisms. Topics include: water quality, chemical and physical properties of water, fresh and salt water plants and animals. Students will participate in field work and be required to use basic algebra skills within the context of scientific problem solving.

042 Astronomy
Prerequisite: 3 credits of Science
Credit: 1 (CH, O, CP, W)
A study of the cosmos is offered in this course. Topics include: planets, comets and asteroids in our solar system, galaxies, life and death of stars, theories on the evolution of the universe, and instruction on the dynamics and viewing of constellations in the night sky, space flight, and history of the sun, the moon, and possibility of life elsewhere. Mathematics is a minor but necessary component of the course

044 AP Environmental Science
Prerequisite: Chemistry and Geometry
Credit: 1
The Advanced Placement course in Environmental Science is designed to be the equivalent of a one-semester, introductory college course in environmental science. Its goal is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world; to identify and analyze environmental problems, both natural and human-made; to evaluate the relative risks associated with these problems; and to examine alternative solutions for resolving and/or preventing them.

K535 Scientific Research and Design
Prerequisite: Concurrent enrollment in Biology
Credit: 1 (CH, O, CP)
The purpose of this class is to introduce students to scientific research and to prepare them for their Individual Experimental Research Project (IERP). Students will learn problem identification, methods of library and computer searching, research methodologies, and data analysis and presentation. Students will also develop appropriate skills in computer applications, time management, and technical writing. Verbal and graphic communication opportunities will be provided. The concept of the research team will be explored, and importance of peer review and research ethics will be stressed.

K536 Scientific Research and Design II: Electronics and Robotics Honors
Credit: 1 (CH, CP)
The first semester of this course will introduce students to the fundamentals of electronic circuits. Students will build analog and digital direct-current circuits using breadboards. There will also be limited exposure to programmable logic chips. Each student will design and prototype a battery-powered device. During the spring, the students will apply the principles learned in the fall to the design and construction of robots. They will explore the ways robots interact with their surroundings by testing a variety of sensors and interfacing them with programmable logic chips. Some simple programming experience is desirable.

K527 Advanced Biotechnology Honors
Prerequisite: Biology and Chemistry
Credit: 1 (CC, CH, CP)
Students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques.

K355 Anatomy and Physiology of Human Systems Honors
Prerequisite: Biology and Chemistry
Credit: 1
This course is an in-depth study of the systems of the human body. Each system is investigated using illustrations, microscope slide studies, physiological experiments, computer simulations, and detailed dissections of the cat.

K356 Medical Microbiology
Prerequisite: 3 credits of Science
Credit: .5 (CH, O)
Students will study the relationships of microorganisms to wellness and disease. They develop knowledge and skills related to disease prevention by learning the chain of infection, asepsis, and standard precautions. Pathogenic and nonpathogenic organisms will be identified to assist in the understanding of specific diseases, causative agents, and treatment options.

K357 Pathophysiology
Prerequisite: Anatomy and Physiology or concurrent enrollment
Credit: .5 (CH, O)
This course allows students to conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Students in Pathophysiology study disease processes, and how human systems are affected. Emphasis is placed on prevention and treatment of diseases. Students will differentiate between normal and abnormal physiology. The course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

K534 Principles of Technology
Enrollment is determined by levels of success in prior math and science classes and prior TAKS scores.
Credit: 1
Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and behavior of waves.

054 Organic Chemistry Honors
Prerequisite: Chemistry PreAP, Physics PreAP
Credit: 1 (CP)
Organic chemistry is a laboratory course that includes the topics in the typical one-semester college course: functional group nomenclature; reactions within functional groups; bonding theories; reaction mechanisms; stereochemistry, biomolecules (including DNA), and metabolic pathways. A college-level text will be used.

K453 Forensic Science
Prerequisite: Biology and Chemistry. Recommended prerequisite: Law Enforcement I
Credit: 1
Forensic Science uses a structured and scientific approach to the investigation of crimes such as assault, abuse and neglect, domestic violence, accidental death, and homicide. Students will learn terminology and investigative procedures related to crime scenes, questioning and interviewing, and scientific procedures used to solve criminal acts. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes. Students will conduct fingerprint, ballistics, and blood spatter analysis. Students will gain knowledge and understanding of forensic science by studying the history, legal aspects, and career opportunities in the field of forensics.

K537 Engineering Design & Problem Solving: Rocketry
Prerequisites: Algebra II, Chemistry, and Physics
Credit: 1 (O)
This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students will solve design problems, do individual and group research, and participate in Destination Imagination or other approved competitions.

060 Lab Management
Credit: Local credit (CH, O, CP, W)
Students help prepare, distribute and clean up lab set-ups for science. Students will prepare solutions, perform standardization titrations, and help maintain stockroom organization. Good organizational skills are necessary. *Does not count as a science credit.*

061 Internship
Credit: Local credit (CH, CP)
Internship Program places students into a variety of scientific, technical, medical, and other professional setting in the CISD community for four weeks in June. Each student is evaluated by his/her mentor during the internship and is visited by a CISD internship sponsor. Students accepted into this program are offered the option of earning one-half unit of local credit. To earn one-half unit of local credit for internship, the student must complete a presentation to peers and to the campus internship co-coordinator.

064 Research and Problems I
065 Research and Problems II
066 Research and Problems III
Credit: Local credit (CH, CP)

067 Explorations in Science and Technology
Credit: Local credit (CP)

Social Studies

100 World Geography
Credit: 1
In World Geography studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography.

102 World Geography PreAP
Credit: 1
The skills and strategies developed in this course are to prepare students for Advanced Placement courses.

103 AP Human Geography
Prerequisite: World Geography
Credit: 1
This class is equivalent to an introductory one semester college course. The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface.

105 World History
Prerequisite: World Geography
Credit: 1
World History Studies is the only course offering students an overview of the entire history of humankind. The major emphasis is on the study of significant people, events and issues from earliest times to the present.

106 World History Honors
Prerequisite: World Geography
Credit: 1
The skills and strategies developed in this course are to prepare students for Advanced Placement courses.

108 AP World History
Prerequisite: World Geography
Credit: 1
This course is equivalent to an introductory college course in World History. The purpose of this course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies.

110 US History
Prerequisite: World History
Credit: 1
Students study the history of the United States since Reconstruction to the present. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War, and post-Cold War eras, and reform movements including civil rights.

111 US History Honors
Prerequisite: World History
Credit: 1 (CC, O, CP, W)
This United States course is a survey covering the period of post-Reconstruction (1877) to the present time. Students study political, economic, social, intellectual, religious and geographic influences on the development of American history. Emphasis is placed on the developing American government and historical world diplomacy. Honors students at this level are expected to have a strong work ethic, as well as strong writing and researching skills. The course covers a smaller time frame (1877 to present) than AP but does a much more in-depth, analytical coverage into the motivations behind various historical events. Thorough use and understanding of critical thinking skills like evaluation, summary, analysis are used to evaluate primary sources.

112 AP US History
Prerequisite: World History
Credit: 1
This course is equivalent to an introductory college course in US History. This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and

materials in United States History.

113 US History Dual Credit
Prerequisite: World History and Lone Star College-Montgomery readiness requirements
Credit: 1 (CC, CH, O, CP)
This class is the introductory college course that focuses on Pre-Columbian Indians to the present.

115 Government
Prerequisite: US History
Credit: .5
In Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels.

116 Government Honors
Prerequisite: US History
Credit: .5 (O, CP, W)
Students examine current issues and affairs, the political events of both past and present, and an in-depth coverage of the Constitution and law, as well as an evaluation of the checks and balances maintaining American democracy. This course is fast-paced and students must be self-motivated and enjoy being challenged academically. In addition to the general course requirements for U. S. Government, this course requires highly developed reading and writing skills. Students should have a serious commitment to developing competency in analytical skills, essay writing, and evaluative reading on a college level.

117 AP Government
Prerequisite: US History
Credit: .5
This class is equivalent to a one semester introductory college course in US Government and Politics.

119 AP Comparative Government & Politics
Prerequisite: Government
Credit: .5 (CH)
This AP course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking.

120 Economics
Prerequisite: US History
Credit: .5
The focus is on the basic principles concerning production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world.

121 Economics Honors
Prerequisite: US History
Credit: .5 (O, CP, W)
In addition to the general requirements of the economics course, students should be comfortable reading and interpreting a college-level textbook. This course delves into the intricate nature of fiscal policy in American government and in the today's economy. Students should have a serious commitment to developing competency in analytical skills, essay writing, and evaluative reading on a college level. They must be self-motivated and enjoy being challenged academically in a fast-paced course.

122 AP Economics (Macro)
Prerequisite: US History
Credit: .5
This course is equivalent to an introductory one semester college course in Economics. The purpose of this course is to give students an understanding the principles of economics that apply to an economic system as a whole. Emphasis is placed on the study of national income and price level determination, and also develops student's familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

129 AP European History
Prerequisite: World Geography
Credit: 1
This class is equivalent to an introductory college course. The study of European History since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live.

134 Psychology
Credit: .5
In Psychology students consider the development of the individual and the personality. The study of psychology is based on an historical framework and relies on effective collection and analysis of data. Students study topics such as theories of human development, personality, motivation, and learning.

134HU Psychology Dual Credit
Prerequisite: World Geography and World History and Lone Star College-Montgomery readiness requirements
Credit: .5 (CH)
This class is equivalent to an introductory college course in Psychology

135 AP Psychology
Prerequisite: World Geography and World History
Credit: .5
This class is equivalent to an introductory college course in Psychology.

136 Sociology
Credit: .5 (CC, CH, O, CP)
In Sociology students study dynamics and models of individual and group relationships. Students study topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communication.

145 Bible Literacy and Western Civilization
Credit: .5 (CC, CP, W)
This course includes the content and history of the Hebrew Scriptures and New Testament. The curriculum will also familiarize students with the influence of the Bible on law, history, literature, and the culture of western civilization. This course maintains religious neutrality and accommodates the diverse religious views, traditions, and perspectives of students. This course does not endorse, favor, or promote, or disfavor or show hostility toward, any particular religion or nonreligious faith or religious perspective.

153 Student Leadership and Government (Student Council)*
Credit: 1 (1st year only) (O, CP, W)
This course provides the opportunity for active members of the Student Council to plan, organize and direct activities to enhance student communication, student support, and student leadership within their school community.

154 Teen Leadership
Credit: .5
This program will help students develop communication, leadership, public speaking, professional and business skills. Students will also develop an understanding of the concept of principle-based decision-making and the need for vision goal-setting.

154B Teen Leadership II
Prerequisite: Teen Leadership
Credit: .5 (CC, CH, O, CP)
This course continues the application of skills developed in Teen Leadership I. The class incorporates public speaking, communication, decision-making, fiscal planning, and long-range planning through a variety of activities.

155 Student Council LC
Credit: Local credit (O, CP, W)

Math

159 Algebra I Honors
Credit: 1 (W)
While covering the same basic objectives of the 162 Algebra I course, students in this course will be challenged with assignments requiring higher order thinking skills.

162 Algebra I
Credit: 1
Students will build on the basic foundation of concepts presented in K-8 Mathematics, use symbols to study relationships among quantities, functions to represent and model problem situations, and analyze and interpret relationships. Students will work in many situations to set up equations, use a variety of methods to solve meaningful problems and will continually use problem solving, computation in problem-solving contexts, language and communication, connections within and outside of mathematics, and reasoning, as well as multiple representations, applications and modeling, and justification and proof.

164 Geometry
Prerequisite: Algebra I
Credit: 1
Students will build on the basic foundation of concepts presented in K-8 Mathematics and Algebra I, use geometric thinking to understand mathematical concepts and relationships among them, study properties and relationships having to do with size, shape, location, direction, and orientation of one, two, and three-dimensional figures. Students will perceive the connection between geometry and the real and mathematical worlds and use geometrical ideas, relationships, and properties to solve problems. Students will use a variety of representations (concrete, pictorial, algebraic, and coordinate), tools, and technology to solve meaningful problems by representing figures, transforming figures, analyzing relationships among figures, and proving concepts related to figures.

165 Geometry PreAP
Prerequisite: Algebra I
Credit: 1
While covering the same basic objectives of the 164 Geometry course, students in this course will be challenged with assignments requiring exploration, abstract and higher order thinking skills and be required to synthesize their knowledge of postulates and theorems to organize and construct detailed proofs of more complex mathematical theorems. Successful students are willing to devote time to memorizing basic theorems and postulates. Upon successful completion of this course, students can be approved for Algebra II Honors/Pre AP (168).

166 Mathematical Models
Prerequisite: Geometry
Enrollment is determined by levels of success in prior math and science classes and prior TAKS scores. Must be taken before Algebra II.
Credit: 1
Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines and mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Students use mathematical models from algebra, geometry, probability, and statistics and connections among these to solve problems from a wide variety of advanced applications in both mathematical and nonmathematical situations.

167 Algebra II
Prerequisite: Geometry
Credit: 1
Students will build on the foundation presented in Algebra I and Geometry. This includes continued study of linear and quadratic functions, graphing skills, and systems of equations and inequalities. New topics include, but are not limited to, matrices, functions (logarithmic, exponential, polynomial, rational, and piecewise) and conic sections. Students will use multiple representations, technology, and applications for better understanding of these concepts. This course is critical for students who wish to continue in higher mathematics.

168 Algebra II PreAP
Prerequisite: Geometry
Credit: 1
While covering the same basic objectives of the 167 Algebra II course, students in this course will be challenged with assignments requiring abstract and higher order thinking skills. This course provides a solid foundation for upper-level mathematics courses. Graphing calculators will be used extensively as students incorporate technology to discover generalizations of concepts and apply these concepts to realistic situations. Students may learn several methods for solving a problem and will be required to choose the most efficient method to complete the task.

170 Precalculus
Prerequisite: Algebra II
Credit: 1
Precalculus is a preparatory course for Calculus. The course expands on the Geometry and Algebra II curriculum. Topics covered include polynomial functions, exponential functions, logarithmic functions, circular functions, trigonometry, inequalities, complex numbers, sequences and series, parametric equations, conic sections, and vectors. There is an emphasis of higher level thinking with a strong emphasis on graphing applications. Graphing calculators are used extensively.

171 Precalculus PreAP
Prerequisite: Algebra II
Credit: 1
Precalculus Pre-AP is a preparatory course for Advanced Placement Calculus. The course expands on the Algebra II PreAP curriculum and introduces trigonometry, polar equations, vectors, and sequences and series. There is an expectation of higher level mathematical thinking skills with an emphasis on applications.

174 AP Statistics
Prerequisite: Algebra II
Credit: 1
This course prepares students for the Advanced Placement Statistics Exam in May and requires students to collect, interpret, summarize, and compare various distributions of data. The topics for AP Statistics are divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. Graphing calculators with statistical software such as the TI-83/84 or TI-89 are used extensively. A lab fee may be assessed.

175 AP Calculus AB
Prerequisite: Precalculus PreAP (recommended)
Credit: 1
This course is designed for advanced math students. Limits, derivatives, and the definite integral are studied in detail. This course emphasizes the various types and applications of differentiation and integration. Students are required to take the AP Calculus AB exam.

176 AP Calculus BC *(CH, O, CP, W)*
Prerequisite: Precalculus PreAP (recommended)
Credit: 1
This course is for highly motivated math oriented students who desire the challenge of a college course. The curriculum includes all AB topics plus methods of integration, calculus of polar functions, parametric functions, and vectors, sequences and series including Taylor and McClaurin functions.

183 IS: Research Project in Mathematics I Honors
184 IS: Research Project in Mathematics II Honors
185 IS: Research Project in Mathematics III Honors
Credit: 1 (CP)

179 Advanced Quantitative Reasoning
Prerequisite: Algebra II
Credit: 1
This course 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. 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.

189 IS: College Algebra
Prerequisite: Algebra II
Credit: 1
This course reinforces skills developed in previous math courses as well as new topics leading to trigonometry. The topics include absolute value in equations and inequalities, graphing, inverse functions, logarithmic and exponential functions, polynomial and rational functions, piece-wise-defined functions, the theory of equations and matrices.

190IU IS: College Algebra Dual Credit
Prerequisite: Algebra II and Lone Star College-Montgomery readiness requirements
Credit: 1 (CC, O)
This course reinforces skills developed in previous math courses as well as new topics leading to trigonometry. The topics include absolute value in equations and inequalities, graphing, inverse functions, logarithmic and exponential functions, polynomial and rational functions, piecewise-defined functions, and the theory of equations and matrices. Students meeting all requirements of Lone Star College-Montgomery prior to or during the semester may apply and register to receive dual credit for this course. Upon completion of Dual Credit requirements, student will be enrolled in College Algebra DC 1314.

193 TAKS Math
Credit: .5 Local credit (CC, W)
This course will provide a firm foundation for success in passing TAKS Math. It is designed for students who need additional help with Math skills.

863 AP Computer Science A
Prerequisite: Computer Science I PreAP
Credit: 1 (CH, O, CP, W)
This course follows the College Board Computer Science Advanced Placement Guidelines. The course will be taught using the programming language Java. The Barron's study guide will be used in preparation for the AP Computer Science A test. This course may be counted as a math credited on the Recommended Plan ONLY.

English

200 English I
Credit: 1
In English I, students practice writing with an emphasis placed on organizing logical arguments with clearly expressed related definitions, theses, and evidence. Students write expository and literary essays. English I students read extensively in multiple genres from world literature originally written in English or translated to English.

202 English I PreAP
Credit: 1
This course offers an in-depth study of world literature from multiple genres. Students read and write extensively as they explore the significance of historical context, as well as literary forms, terms, and techniques. Clarity, logic, and the ability to formulate and defend a thesis statement are key components of writing instruction and practice. Students not only complete compositions outside of class, but also write in-class essays in response to literary-style analysis selections. With each type of writing, students are expected to plan, draft, and edit their work. The conventions and mechanics of writing are continuously addressed to facilitate the writing process.

206 English II
Prerequisite: English I
Credit: 1
In English II, students practice writing with an emphasis placed on persuasive forms of writing such as logical arguments, expressions of opinion, and personal forms of writing which may include a response to literature, a reflective essay, or an autobiographical narrative. English II students read extensively in multiple genres from world literature originally written in English or translated to English.

208 English II PreAP
Prerequisite: English I
Credit: 1
This course focuses on an in-depth analysis of world literature from multiple genres. Students read and write extensively as they interpret influences of the historical context on a literary work and learn literary forms and terms associated with the readings. All modes of writing are practiced with an emphasis on persuasive forms. These essays include formal compositions as well as more personal forms such as the personal narrative essay. With each type of writing, students are expected to plan, draft, edit, and complete their work. The conventions and mechanics of writing are continuously reviewed and practiced in order to facilitate the writing process.

212 English III
Prerequisite: English II
Credit: 1
In English III, students practice writing with an emphasis placed on business forms of writing such as the report, the business memo, the narrative of procedure, the summary or abstract, and the resume. English III students read extensively in multiple genres from American literature and other world literature originally written in English or translated to English.

213 English III Honors
Prerequisite: English II
Credit: 1 (O, CP, W)
This in-depth study of American literature will provide students with an opportunity to recognize and evaluate major periods, authors, themes, works, and forms of American literature. Analytical reading and writing, research, and English grammar and usage will be addressed. This honors course exceeds the traditional requirements through content, process, and product.

214 AP English Language III
Prerequisite: English II
Credit: 1
This course prepares students for the AP Language and Composition exam. It trains students to become skilled readers and writers in diverse genres and modes of composition. This focus ultimately enables students to independently read and understand complex texts and write rich, effective prose in response to those texts. As the course progresses, students become aware of their own composition process through self-assessment and evaluations by both peers and the instructor.
These skills will allow the student to read critically and write effectively in different modes in the college classroom and beyond.

216 English III Dual Credit (1301 and 1302)
Prerequisite: English II and Lone Star College-Montgomery readiness requirements
Credit: 1 (CC, CH, O)
A multi-paragraph composition course, including language study and the mechanics of writing, with examples from selected readings. The course combines American literature with Lone Star College-Montgomery courses 1301 and 1302 language composition skills and outcomes per the college. There will be special emphasis on writing expository, analytical, and argumentative essays with a review of grammar, vocabulary, varied composition discourses. The course will help students become skilled readers of prose, written in a variety of disciplines and rhetorical context, and become skilled writers who compose for a variety of purposes, aware of the interactions of the writers' purposes, audience expectations, and subjects. In addition, the student will be informed on the use of research materials and the ability to synthesize varied sources (to evaluate, cite, and utilize source material). The student must earn a 70 overall semester average to earn each 3 hours of college credit.

217 English IV Dual Credit (2332 and 2333)
Prerequisite: English III and Lone Star College-Montgomery readiness requirements
Credit: 1
This course teaches students to trace, interpret, and evaluate the cultural and literary development of World Literature (English 2332 and 2333(, both in form and content, from the Classical Age to the present time. Students will read, interpret and evaluate literary works through understanding of the theme, situation, tone, structure, and style of the literature and write logical, well-organized, well-supported critical responses to literary works, using appropriate documentation, as required. They will understand the distinguishing characteristics of various genres of literature and recognize the aesthetic, moral, and intellectual values of literature as well as recognizing major themes in literature. The student must earn a 70 overall semester average to earn each 3 hours of college credit. *(CC)*

218 English IV
Prerequisite: English III
Credit: 1
In English IV, students are expected to write in a variety of forms, including business, personal, literary, and persuasive texts. English IV students read extensively in multiple genres from British literature and other world literature originally written in English or translated to English.

219 English IV Honors
Prerequisite: English III
Credit: 1 (O, CP, W)
This in-depth study of British literature presents a chronological survey from Beowulf to modern times. Emphasis is placed on improving composition skills, using various forms of discourse and patterns of organization, and reviewing grammar and language usage. Students will be able to read with a critical focus by penetrating deeper into both the content of literature and the analysis of that content. Critical findings will be organized around a central idea in composition. Extensive vocabulary enrichment will enhance mastery of the English language. Students are encouraged to purchase the MLA handbook as it will be used extensively.

220 AP English Literature IV
Prerequisite: English III
Credit: 1
This course emphasizes both effective and critical reading in preparation for the Advanced Placement Literature exam. The stylistic excellence that the students come to appreciate through attentive analysis of a variety of prose texts can serve them in their own writing. Concepts of grammar and language usage will be reviewed and extended. A study of literary genres trains students to analyze the fictional, poetic, and dramatic elements of literary texts and to read to appreciate the writer's craft. The course emphasizes effective critical reading as well as college-level writing skills in preparation for the Advanced Placement literature exam and for success in college writing.

221 English IV Dual Credit
Prerequisite: English III and Lone Star College-Montgomery readiness requirements
Credit: 1 (CH, CP, W)
This course combines British and world literature with Lone Star College 1301 and 1302 Composition and Rhetoric I and II. The course emphasizes both effective and critical reading and writing. Through intensive analysis of a variety of literary genres and styles, the students acquire greater appreciation of excellent writing, while also improving their own writing ability. The student must meet all Montgomery College requirements prior to the course beginning. *(CH, CP, W)*

224 English I SOL
225 English II SOL
Credit: 1
This course is available to those students who have been identified as Limited English Proficient. The curriculum emphasizes the development of listening, speaking, reading, writing and culture. Only two credits of ESOL may count as English credits for graduation.

228 Creative/Imaginative Writing
Prerequisite: English II
Credit: .5 – 1
The study of creative and imaginative writing allows high school students to earn one-half to one credit while developing versatile skills in essay, poetic, dramatic, and short story forms of writing. All students are expected to demonstrate the recursive nature of the writing process, applying the conventions of usage and mechanics of written English, and analyzing and discussing both published and unpublished writers' pieces and methods, in order to set personal goals for writing.

229 Humanities
Prerequisite: English II
Credit: .5-1 (CP)
Humanities is an interdisciplinary course that includes the study of major historical and cultural movements and their relationship to literature, fine arts, and the social sciences. This is a rigorous course of study in which students show an in-depth understanding of creative achievements in the arts and literature and how these various art forms reflect history. Participation and assessment include class discussions, oral presentations, creative projects, journals, readings, and written responses.

230 Bible Literacy and Western Civilization
Credit: .5 (CH, O, CP)
This course includes the content and history of the Hebrew Scriptures and New Testament. The curriculum will also familiarize students with the influence of the Bible on law, history, literature, and the culture of western civilization. This course maintains religious neutrality and accommodates the diverse religious views, traditions, and perspectives of students. This course does not endorse, favor, or promote, or disfavor or show hostility toward, any particular religion or nonreligious faith or religious perspective.

232 Practical Writing
Credit: .5 (CH, O, CP)
This study of writing allows high school students to earn one-half to one credit while developing skills necessary for writing to a specific purpose, such as business writing or writing to a prompt. This course emphasizes skill in the use of the conventions of grammar and usage of written English, the effective use of vocabulary, and a basic understanding of the recursive nature of the writing process.

236 Reading Applications and Study Skills
Credit: .5 (CH, CP, W)
This course focuses on skills necessary to enhance performance on the PSAT, SAT or ACT test.

237 Reading I
238 Reading II
239 Reading III
Credit: 1
Reading I, II, and III offers students instruction in word recognition and comprehension strategies and vocabulary. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. Students learn how various texts are organized and how authors choose language for effect.

292 Dyslexic Reading I
293 Dyslexic Reading II
294 Dyslexic Reading III
Credit: 1 (CC, CH, CP, W)
This course is designed to students who have been diagnosed as Dyslexic. It is an individualized program based on student needs. The major instructional strategy will utilize individualized, intensive, multi-sensory methods.

Journalism

241 Journalism
Credit: 1
This course is a survey of print and broadcast communications, from newspapers, magazines and yearbooks to broadcast programs. It is a writing intensive course covering all aspects of print media production. Students should be well-grounded in grammar and punctuation.

242 Journalism: Yearbook
Credit: 1 (O)
254 Advanced Journalism Yearbook I
Prerequisite: Journalism
Credit: 1

255 Advanced Journalism Yearbook II
Credit: 1
256 Advanced Journalism Yearbook III
Credit: 1
These courses involve the production of the high school yearbook. Some of the elements covered by the members of the staff will be production of effective graphic art, writing and editing copy, implementing a circulation campaign, selling advertisements to the community, processing and printing photographs to fit an overall page and cooperating with persons and organizations in developing a product.

257 IS: Journalism – Yearbook
Prerequisite: Advanced Journalism Yearbook III
Credit: 1
These courses involve the production of the high school yearbook. Some of the elements covered by the members of the staff will be production of effective graphic art, writing and editing copy, implementing a circulation campaign, selling advertisement to the community, processing and printing photographs to fit an overall page and cooperating with persons and organizations in developing a product.

243 Advanced Broadcast Journalism I
Prerequisite: Journalism
Credit: 1 (O, CP)
Students will learn the skills of interviewing and the process of creating a news broadcast. Students will learn laws and ethical considerations that affect broadcast journalism and analyze the significance of visual representations. Instruction includes: on screen talent, scriptwriting, operation of digital cameras and digital imaging, digital graphics, mastery of audio techniques, lighting, production, monitoring equipment and set design.

244 Advanced Broadcast Journalism II
Prerequisite: Advanced Broadcast Journalism I
Credit: 1 (O, CP)

245 Advanced Broadcast Journalism III
Credit: 1 (CP)
Students will enhance their interview and digital editing skills in the process of creating a news broadcast. Instruction includes: continued focus on ethics in journalism, digital imaging software, television production and scriptwriting.

246 Advanced Journalism Literary Magazine I
Prerequisite: Journalism
Credit: 1 (W)

247 Advanced Journalism Literary Magazine II
Credit: 1 (W)
This course allows students to further develop magazine production skill and participate in publishing the High School Literary Magazine.

250 Advanced Journalism Newspaper I
Prerequisite: Journalism
Credit: 1
251 Advanced Journalism Newspaper II
Credit: 1
252 Advanced Journalism Newspaper III
Credit: 1
253 IS: Journalism – Newspaper
Prerequisite: Advanced Journalism Newspaper III
Credit: 1
These classes produce the high school newspaper. Elements covered include interviewing, writing, editing, selling advertisements and creating a visually pleasing graphic design.

258 Photojournalism
Prerequisite: English I
Credit: 1 (CC, CH, O, CP)
This course is an extensive guide to concepts of photography with emphasis on equipment, techniques, film, lighting, composition and photojournalism. Students must have either a 35 mm SLR with manual capabilities or a digital camera with a minimum of 5 megapixels and manual capabilities.

259 IS: Journalism Photojournalism
Prerequisite: Photojournalism
Credit: .5 (CC)

865 Desktop Publishing
Credit: 1 (CC, O, CP)
Students will develop skills in basic computer technology and learn design and page layout principles with a special emphasis on a variety of print publications, including newspapers, magazines, newsletters, brochures, books, posters and flyer. Each student will learn various software applications including Adobe InDesign, Microsoft Publisher, Microsoft Word, Excel, Adobe Photoshop, scanning and other desktop publishing software. Successful completion of this course will provide students with the desktop publishing skills being used by many major newspapers and other publishers, as well as advertising agencies.

871 Desktop Publishing – Newspaper
Credit: 1 (CC, CH, O, W)
An advanced newspaper course focusing on developing creative layouts, copy, and computer graphics through use of computer software for newspaper publishing. This hands-on course will use Adobe InDesign and Photoshop.

Speech and Debate

260 Communication Applications
Credit: .5
Students will learn communication theory and have the opportunity to develop practical skills for both professional and social communication.

261 Debate I
Credit: 1
Specific formats of debate will be studied with emphasis on Lincoln Douglas, Policy Debate and Public Forum Debate. Students will research and write affirmative and negative cases, briefs and blocks for various debate resolutions. Students will learn cross-examination, refutation and rebuttal techniques.

262 Debate II
Prerequisite: Debate I
Credit: 1
This course will provide the student with advanced study of essential elements studied in Debate I as well as the opportunity to participate in debate tournaments. Students are required to compete in a minimum of two debate tournaments.

263 Debate III
Prerequisite: Debate II
Credit: 1
This course will provide the student with advanced study of essential elements studied in Debate I and II as well as being required to compete in a majority of debate tournaments.

264 IS: Debate
Prerequisite: Debate III
Credit: 1
The emphasis of this course is placed on research techniques used in securing information for the current debate topic. Course activities include various debate formats, writing briefs, resolution interpretation, affirmative and negative case construction, argument evaluation and presentation of debate. Participation in debate tournaments is required.

265 Media Literacy – Speech
Credit: .5 (CP)
Students will develop skills in understanding, analyzing, using, and producing media intelligently to demonstrate how media influences our tastes, our behavior, our purchasing, and our voting decisions.

Languages other than English (LOTE)

300 Spanish I
Credit: 1
This course offers basic understanding of the Spanish language and exposure to the culture of the Spanish-speaking world. Introduction to basic vocabulary and grammar will enable students to learn to discuss everyday topics such as family, school, numbers, time, weather, and closing. Oral and written practices are stressed.

301 Spanish II
Prerequisite: Spanish I
Credit: 1
This course continues the study of language skills important for everyday use. The basic skills of reading, writing, speaking, listening, and understanding the culture are continued. This course emphasizes grammatical concepts.

301G Spanish II
Prerequisite: Spanish I
Credit: 1
This course is designed for students who plan to advance to higher level Spanish courses. This course continues the study of language skills important for everyday use. The basic skills of reading, writing, speaking, listening, and understanding the culture are continued. This course emphasizes grammatical concepts.

311 Spanish II NS
Prerequisite: Spanish I NS (316)
Credit: 1 (CC, CH, O)
This course is designed for students whose home language is Spanish. Students will be given the opportunity to expand their ability to comprehend, speak, read, and write Spanish in accordance with their linguistic and cultural strengths.

302 Spanish III
Prerequisite: Spanish II
Credit: 1
This course is a continuation of the basic

language skills of reading, writing, speaking, listening, and understanding the culture.

303 Spanish III PreAP
Prerequisite: Spanish II
Credit: 1
This course emphasizes oral and written communication through continued study of conversation, writing, reading, grammar and vocabulary study. Students are also taught to develop higher level thinking skills in Spanish such as synthesis, analysis, and evaluation. Spanish is spoken in the classroom.

305 AP Spanish IV – Language
Prerequisite: Spanish III PreAP 303
Credit: 1
This course is designed to develop advanced level language skills in the areas of listening, speaking, reading, writing, and grammatical structures in order to prepare students to take the AP Spanish Language test. Spanish is spoken in the classroom most of the time.

306 AP Spanish V – Literature
Prerequisite: Spanish III PreAP (303)
Credit: 1 (CC, O, CP)
This course is designed to develop more advanced level language skills, concentrating on the areas of reading and composition in order to prepare students to take the AP Spanish Literature test. Spanish is spoken in the classroom most of the time.

307 AP Spanish V - Language
Prerequisite: Spanish IV PreAP (314)
Credit: 1 (W)
As students prepare to take the AP Spanish Language exam, they will combine all of their skills in areas of listening, reading, writing, and speaking Spanish in a variety of applications. Spanish is spoken in the classroom most of the time.

320 French I
Credit: 1
This course offers a basic understanding of the French language and the culture and geography of the French-speaking world. Introduction to basic vocabulary and grammar will enable students to learn to discuss simple everyday topics such as family, school, numbers, time, sports, clothing. food, and travel. Oral and written practices are stressed.

321 French II
Prerequisite: French I
Credit: 1
This course continues the study of language skills, which are important for everyday life. The basic skills of reading, writing, speaking, listening, and understanding the culture are continued.

323 French III PreAP
Prerequisite: French II
Credit: 1
This course emphasizes oral and written communication through continued study of conversation, writing, reading, grammar, and vocabulary study. Additional emphasis is placed on the culture and civilization of French speaking people through an introduction to modern and classic French literature. French is used in the classroom as much as possible.

325 AP French IV – Language
Prerequisite: French III PreAP (323)
Credit: 1
The study of French literature, philosophy, culture, and language continues with an emphasis on oral and written communication. Students concentrate on the areas of reading and composition to prepare for the AP French Literature examination. French is spoken in the classroom most of the time.

326 AP French IV – Literature
Prerequisite: French III PreAP (323)
Credit: 1 (O)

328 AP French V
Prerequisite: French IV PreAP (327)
Credit: 1 (W)
This course is designed to continue the study of French literature, philosophy, culture and language. There is a continuing emphasis on oral and written communication through the use of literature from the 17th through the 20th centuries. Students concentrate on fine tuning grammar in preparation for the SAT II and further prepare to take the Advanced Placement exam. This class is conducted in French.

340 German I
Credit: 1
This course offers a basic understanding of the German language and the culture and geography of the German-speaking world. Students learn the vocabulary for simple everyday topics such as family, school, numbers, time, sports and clothing. Oral and written practices are stressed. Present and past tense verbs, as well as elementary grammar will be presented.

341 German II
Prerequisite: German I
Credit: 1
This course continues the study of language skills, which are important for everyday life. The basic skills of reading, writing, speaking, listening, and understanding the culture are continued.

343 German III PreAP
Prerequisite: German II
Credit: 1
This course emphasizes oral and written communication through continued study of conversation, writing, reading, grammar and vocabulary study. German is used in the classroom as much as possible.

345 AP German IV
Prerequisite: German III PreAP
Credit: 1
This is a continuation of German literature and language. Students prepare to take the Advanced Placement German Language Exam combining all of their skills in areas of listening, reading, writing and speaking in a variety of applications. Students will complete independent reading assignments, write essays and maintain sustained speech in German. This class is conducted in German.

346 AP German V
Prerequisite: German IV PreAP (350) or AP German IV (345)
Credit: 1 (W)
This is a continuation of the study of German literature and language Students prepare to take the Advanced Placement Exam combining all of their skills in areas of listening, reading, writing, and speaking in a variety of applications. Students will complete independent reading assignments, write essays, and maintain sustained speech in German. A listening program is done at home as part of the course work. The class is conducted in German.

360 Latin I
Credit: 1 (O)
This course includes review of English grammar and extensive work on English vocabulary derived from Latin and Greek. Students learn basic Latin grammar and sentence structure with an emphasis on reading and written translation of Latin paragraphs

concerning geography, the Roman family, social life, mythology and religion. There is additional discussion of Roman dress, ancient art and architecture, and the relationship of Latin to both English and modern Romance languages. The oral component in this course is minimal, as Latin is an ancient written language, read for its literary value, rather than a modern spoken language. Grammar includes all five cases for nouns in declensions 1-3, all six tenses, active and passive, for verbs in all 4 conjugations, the relative clause, and the ablative absolute. Use of the National Latin Exam provides an external check on competence in grammar and syntax.

361 Latin II
Prerequisite: Latin I
Credit: 1 (O)
Intermediate grammatical concepts and vocabulary are introduced through the reading of Latin texts. Skills in reading and comprehension of Latin passages at the intermediate level are developed and an emphasis is placed on Julius Caesar's works.

363 Latin III PreAP
Prerequisite: Latin II
Credit: 1 (O)
This is primarily a survey of Latin literature. Students complete the Latin grammar (conditions, deponents, irregulars *volo, fio, eo*) by reading short passages from standard authors and by writing analytical essays on those passages. Students then read extended excerpts from Caesar's conquest of Gaul, Pliny's letters, Cicero's oration against Catiline, the Vulgate, etc. Culture and commentary flow from the texts being translated.

365 AP Latin IV – Vergil
Prerequisite: Latin III PreAP
Credit: 1 (O)
Vergil: Students study Vergil's Augustan epic, the *Aeneid*, one of the most heroic, tragic, romantic and influential texts in the Western world. Extensive and intensive readings from books 1, 2, 4, 6, 10 and 12. Dactyllic hexameter, poetic rhetorical devices, Greco-Roman mythology, and connections with Homer, Dante, Milton and Longfellow are all addressed. The AP curriculum is approximately 1850 lines.

370 Japanese I
Credit: 1 (CP, W)
This course offers a basic understanding of the Japanese language and culture. Introduction to basic vocabulary and grammar will enable students to function in simple everyday topics; such as self, school/family life, weather, time, numbers, and locations. Oral practice is stressed. Students will practice reading and writing HIRAGANA AND KATAKANA and will learn 20-30 KANJI. Students will write basic sentences using them. They will begin reading basic materials.

371 Japanese II
Prerequisite: Japanese I
Credit: 1 (CP, W)
Continued study in this course will enable students to function in Japanese situations which are important in everyday life. Students will continue to practice reading and writing HIRAGANA and KATAKANA and will learn about 100 KANJI in this course. Oral activities will be stressed and cultural activities will be the important part of the class. They will continue to read basic materials.

372 Japanese III PreAP
Prerequisite: Japanese II
Credit: 1 (CP, W)
Students will learn colloquial expressions and plain verb endings related to everyday topics so that they will be able to communicate smoothly in more informal situations. They will learn about 200 basic KANJI. They will engage in oral and listening comprehension exercises. They will also continue to practice reading and writing. Cultural activities will continue.

377 AP Japanese IV
Prerequisite: Japanese III PreAP
Credit: 1 (CP, W)
Students will read, discuss, and write reports on various topics of everyday life and contemporary Japanese culture. They will learn 150-200 additional KANJI during the course. Students will deal with complex grammar and sentence structured involving passive, causative, causative-passive, and honorific. The class is taught in Japanese.

378 AP Japanese V
Prerequisite: Japanese IV PreAP
Credit: 1 (W)
This course is a continuation of the study of Japanese. Students will improve their proficiency and prepare for the Japanese AP language and culture exam by reading and listening to semi-authentic and authentic materials, and presenting short speeches as well as writing short compositions on given topics. Students will also learn an additional kanji during the course. The class will be taught only in Japanese and students are expected to communicate in Japanese in class.

385 Chinese I
Credit: 1 (CH, O, CP, W)
This course is designed to help students develop basic Chinese language skills in speaking, reading and writing of modern Chinese by combining traditional textbook materials with hands on explorations of Chinese culture, customs and habits, history, business practice and current events. The class consists of reading, listening, discussion, network exploration, and conversational practice. The course is conducted in Mandarin. The course's objective is to teach about 500 Chinese words and Chinese expressions by the end of the program. Classes focus on teaching Chinese phonetics and tones, Chinese vocabulary, sentence structures and grammar using everyday topics. Phonetics, tone exercises and drills ensure that students learn the correct pronunciation and intonation from the beginning. Students will be introduced to the radical system (Chinese character composition), stroke orders and basic characters. Practical situational texts are used to provide a greater awareness of Chinese culture and society. At the end of this course, students should be able to engage in simple daily conversation and complete the beginner level ready for Elementary level Chinese II.

386 Chinese II
Prerequisite: Chinese I
Credit: 1 (CH, O, CP, W)
This course is designed to help students further develop basic Chinese language skills in speaking, reading, and writing of modern Chinese by combining traditional textbook material with hands on explorations of Chinese culture, customs and habits, history, business practice and current events. Students will learn an additional 500 Chinese words and expressions by the end of this course. Practical situational texts are used to provide a greater awareness of Chinese culture and society. Phonetics, tone exercises will be reinforced for correction pronunciation and intonation. At the end of this course, students should be able to converse on daily topics and express themselves using elementary sentence structures and complete the Elementary Chinese II level ready for the Intermediate level Chinese III.

387 Chinese III PreAP
Prerequisite: Chinese II
Credit: 1 (CH, CP, W)
This is a continuation of the study of Mandarin Chinese. Students will continue to learn additional vocabulary and sentences. Students attending these classes should have finished Chinese II or know more than 1000 Chinese words or expressions. The course's objective is to expand Chinese words and Chinese expressions up to 1800 by the end of the program. Classes focus on improving the conversational and reading skills in a more complicated sentence structures. Simple classic Chinese literature and Chinese business practice will be introduced. We will also discuss current events in Chinese. Our objective is to expand students' awareness and vocabularies in fine art and business fields. Practical situational texts are used to provide a greater awareness of Chinese culture and society. Correct pronunciation and intonation will be reinforced. At the end of the course, students should be able to express themselves in different contexts using intermediate sentence structures, and complete the Intermediate level Chinese III progressing to the advanced level.

388 AP Chinese IV
Prerequisite: Chinese III PreAP
Credit: 1 (CH, CP, W)
This course continues the study of Mandarin Chinese and follows the College Board curriculum to prepare students for the Advanced Placement exam.

390 AP Chinese V
Prerequisite: Chinese IV PreAP (389)
Credit: 1 (W)
Refer to description for 388 AP Chinese IV.

Fine Arts

Students who have artistic talent and want to include AP Art in their 4-year plan have an opportunity to accelerate to Art II and retroactively earn their Art I credit. If you are interested, see your counselor for information.

Fees may be applicable. Check with your school for more information.

400 Art I
Credit: 1
This is a one-year foundation course. Application of the fundamentals of design will be used to develop basic skills and techniques as well as an understanding and appreciation of historical and contemporary art and artists. Studio activities include drawing, painting, photography, printmaking, ceramics and sculpture and if time permits, printmaking.

401 Art II Ceramics
Prerequisite: Art I
Credit: 1 (CH, O, CP, W)
This is a course in clay which encompasses both sculpture and pottery. Students will study the properties and processes of clay, including hand building, wheel throwing, kiln firing and glazing. Understanding and application of the Elements and Principles of Art and Design will guide the criteria. Integration of appreciation, aesthetics and history will add enrichment to the hands-on studio practice.

402 Art II Drawing
Prerequisite: Art I
Credit: 1
This is a one year course for students who wish to further develop drawing skills introduced in Art I. Students rely on direct observation of their environment, as well as imagination, memory, and their own life experiences to create expressive drawings. A variety of media, including pencil, colored pencil, charcoal, conte, pastel, pen and ink, and mixed media is employed to communicate personal themes. Important concepts include light and shadow, composition, perspective, and abstraction.

404 Art II Multimedia/Electronic Media
Prerequisite: Art I
Credit: 1 (CP, W)
Students will learn to create artwork on Macintosh computers using the graphics industry standard applications PhotoShop, Illustrator, PageMaker, and Painter. Digital cameras, graphics tablets, and scanners will be used to combine color graphics, digital photos, and art work created in traditional media. Animations will be created in Flash and Painter. The Internet will be accessed for information on artists and digital art. Digital art research will be presented to the class as a PowerPoint presentation. Students will create their own web pages to display their digital artwork. . The lab fee will cover the cost of writable CD's, toner cartridges, paper, mat board, and personal print portfolios.

406 Art II Painting
Prerequisite: Art I
Credit: 1
This course includes a more in-depth study of Art I painting and drawing with additional media exploration and further development of problem-solving skills. Fees cover the price of sketchbooks, a canvas or panel for acrylic painting, paper and numerous drawing and painting mediums. Integration of art history, appreciation, aesthetics, and criticism will add enrichment to the hands-on studio practice.

407 Art II Photography
Prerequisite: Art I
Credit: 1 (CP, W)
This course offers an in-depth study of the camera during the first three weeks through lecture and textbook study. A series of assignments is made to practice using the camera, requiring at least one roll of film per week to be shot as homework. Film developing and printing are learned as well as a combination of drawing and design skills with basic experimental photography. Students will keep a portfolio of work. The focus will be solely on fine arts images.

409 Art II Sculpture
Prerequisite: Art I
Credit: 1
This course will encompass the development of creative problem solving and practical skills in three-dimensional design. Metals and woods will be the primary focus, however clay and various other materials may be included. Skills will include various forms of metal working such as soldering, casting and forging. Many power and hand tools will be safely used while working with woods and metals. Art history, appreciation, aesthetics and criticism will be integrated into studio practice. The focus will be solely on original fine art sculpture.

415 Art III Ceramics
Prerequisite: Art II Ceramics
Credit: 1 (CH, O, CP, W)
Students will resume Ceramics study begun in Art II with an eye toward specialization. Relevance to college and career will be considered. Further development of skills, knowledge and

appreciation is done through experimentation, research, and practice.

416 Art III Drawing
Prerequisite: Art II Drawing
Credit: 1
Students will resume study in Drawing with an eye toward specialization. Relevance to college and career will be considered. Further development of skills, knowledge and appreciation is done through experimentation, research, and practice.

418 Art III Multimedia/Electronic Media
Prerequisite: Art II Multimedia/Electronic Media
Credit: 1 (CP, W)
Students will continue use of the software programs and equipment used in Art II Electronic Art. Additionally, students will create their own font in "Fontographer." Students will explore 3-D rendering and animation. "iMovie" will be used for digital video and sound editing. The Internet will be accessed for information on artists and digital art. Digital art research will be presented to the class as a PowerPoint presentation. Students will create their own web pages to display their digital artwork. The lab fee will cover the cost of writable CD's, toner cartridges, paper, mat board, and personal print portfolios.

419 Art III Painting
Prerequisite: Art II Painting
Credit: 1
This course will explore multiple styles, techniques and media in both painting and drawing from representation to abstraction. Media that will be used includes oils, acrylics, watercolors, pastels and inks. Art history, appreciation, aesthetics and criticism will be integrated with studio activities. There will be emphasis on individual style and development of personal portfolios.

420 Art III Photography
Prerequisite: Art II Photography
Credit: 1 (CP, W)
Art III Photography is a continuation of Photography II with more advanced camera techniques and a broader scope of creative exploration.

422 Art III Sculpture
Prerequisite: Art II Sculpture
Credit: 1
This course will develop problem-solving skills while working three-dimensionally with various materials, which may include clay, wood, stone, and metal as well as mixed media. Emphasis will be on exploring individual ideas. Art history, appreciation, aesthetics and criticism will be integrated with studio practice. The focus will be solely on original fine arts sculpture.

438 Art IV Ceramics
Prerequisite: Art III Ceramics
Credit: 1 (CH, O, CP, W)
Students will resume Ceramics study begun in Art III with an eye toward specialization. *(CH, O, CP, W)*

425 Art IV Drawing
Prerequisite: Art III Drawing
Credit: 1
This is a continuation of skills and concepts from Art III with extensive individual exploration and college and career research.

427 Art IV Multimedia/Electronic Media
Prerequisite: Art III Multimedia /Electronic Media
Credit: 1 (CP, W)
This course offers students an opportunity to choose a concentration in any area of art electronic media and work independently. As an independent study course, students will write their own syllabus and be responsible for completing at least one major project per week. Students will continue use of the software and equipment used in Art II and Art III Electronic Media.

428 Art IV Painting
Prerequisite: Art III Painting
Credit: 1
This is a continuation of skills and concepts from Art III with extensive individual exploration and college and career research.

430 Art IV Sculpture
Prerequisite: Art III Sculpture
Credit: 1
This is a continuation of skills and concepts from Art III with extensive individual exploration and independent study.

432 Art IV Photography
Prerequisite: Art III Photography
Credit: 1 (CP, W)
This course offers students an opportunity to choose a concentration in Photography with more in-depth study of advanced photography and individual portfolio development.

435 AP Art Drawing
Prerequisite: Art II Drawing or Art II Painting
Credit: 1 (CH, O, CP, W)
The Drawing Portfolio is designed to address a broad interpretation of drawing issues. For example, painting, printmaking, studies for sculptures, some forms of design, and abstract and observational works would qualify as addressing drawing issues. College credit for Advanced Placement in studio art can be earned with their portfolio of work produced in this course and submitted for evaluation by the College Board. (Credit earned is dependent upon score received and policies of the university.) Studio practice emphasizes independent exploration and research, experimentation of materials and themes, concept development, some instructor-guided exercises, consideration of college and career choices, presentation and exhibition. Current trends will be examined through media studies and presentations by Admission counselors from recognized art schools. Fees include slide portfolio for exam submission material, and tools for multi-media exploration and presentation matting.

396 AP Two-Dimensional Design Portfolio
Prerequisite: Art II Paint or Photography or portfolio review
Credit: 1-2
The 2-D Design portfolio addresses a broad interpretation of Design. Any 2-D media including, but not limited to graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, printmaking, etc., may be submitted. College credit for Advanced Placement in studio art can be earned with portfolio of work produced in these courses and submitted and evaluated to the College Board at examination time. (Credit earned is dependent upon score received and policies of the university). Studio practice emphasizes independent exploration and research, experimentation of materials and themes, concept development, some instructor-guided exercises, consideration of college and career choices, presentation and exhibition. Current trends will be examined through media studies and presentations by Admissions Counselors from recognized art schools. Fees include the slide portfolio for exam

submission material, and tools for multi-media exploration and presentation matting.

398 AP Three-Dimensional Design Portfolio
Prerequisite: Art II Ceramics or Art II Sculpture
Credit: 1-2
The 3-D design portfolio addresses a broad interpretation of design. Any 3-D media including but not limited to Ceramics may be submitted. College credit for Advanced Placement in studio art can be earned with portfolio of work produced in this course and submitted and evaluated to the College Board at examination time. (Credit earned is dependent upon score received and policies of the university). Studio practice emphasizes independent exploration and research, experimentation of materials and themes, concept development, some instructor-guided exercises, consideration of college and career choices, presentation and exhibition. Current trends will be examined through media studies and presentations by Admission counselors from recognized art schools.

437 AP Art History
Prerequisite: World History
Credit: 1 (CH, O, CP, W)
This is a course of study aimed at students who might be interested in taking the Advanced Placement Art History Exam for college credit. It covers the same basic material as Art History, but in greater depth. This course is especially helpful in developing analytical skills and gaining a deeper understanding of world cultures, history and religion. It is also a great complement to AP European History or AP English.

440 Theatre I
Credit: 1
Theatre Arts I is a participatory survey course designed for students who are interested in learning about all areas of theatre. Students will learn the various techniques of acting including creative dramatics, character interpretation, and staging; explore theatre production concepts and skills including makeup, costuming, and set design; and participate in criticism by attending two major productions outside of class, and producing an in-class play. Students may choose to participate in co-curricular drama activities by the department.

441 Theatre II
Prerequisite: Theatre I
Credit: 1
This course is designed to allow the student who successfully completed Theatre Arts I to continue to study acting theory and techniques as well as performance opportunities. The class introduces the students to directing, theatre history, musical theatre, acting for the camera, and theatre management/production. Participation in co-curricular activities outside of the class is required.

442 Theatre III
Prerequisite: Theatre II
Credit: 1
This course is a continuation of basic skills and activities begun in Theatre arts I and II. Activities will include opportunities to further develop personal acting techniques and performing skills. Students will perform scenes and plays from various theatrical periods and styles and explore career opportunities in theatre. Other projects may include television and video projects as well as playwritings. Participation in co-curricular activities outside of the class is required.

443 Theatre IV
Prerequisite: Theatre III
Credit: 1
Theatre Arts IV is designed as a workshop/seminar to challenge the advanced theatre student with in-depth study of advanced acting techniques including research in theatre topics, development of directing, and exploration of career opportunities in theatre. Students will produce 4 to 6 main stage productions a year. Production participation (including after school rehearsals, meetings, and performances) is required by all Theatre Arts IV students.

445 Theatre Production I
Prerequisite: Theatre II
Credit: 1
These courses are designed for the advanced theatre student who is involved in all of the major productions in the department. This will be a workshop atmosphere that will include production meetings, work on the shows, and plans for other co-curricular theatre activities. Leadership training, management, and individual development, research, and projects are stressed. Production participation (including after school production work) is required of all Theatre Production students.

446 Theatre Production II
447 Theatre Production III
448 Theatre Production IV
Credit: 1
Through participation, students will gain experience in various areas of production, including, but not limited to, acting, stage management, scenery, lighting, props, costumes, or make-up. Motivated and interested students may also have opportunities in design and construction/execution of scenery, lighting, costuming, make-up, or props. Production participation (including after-school rehearsals) is required.

449 Theatre Production IV – Musical Theatre
Prerequisite: Theatre Production III
Credit: 1 (CH, W)
This course is designed for those students who are interested in vocal music, theatre, and dance. Students will learn correct vocal production, musical theatre acting style, and various forms of dance including ballet, tap, and jazz. Students enrolled in this course are required to participate in the theatre department's fall musical production. Dance credit will be received for this course.

455 Technical Theatre I
Prerequisite: Theatre I
Credit: 1
Technical Theatre I, II, III, and IV provide a workshop atmosphere for students to have the opportunity to learn the various aspects of technical production by designing and building shows, including areas in lighting design, set design, makeup design, costume design, properties, sound, public relations, and theatre management. Advanced students will assume greater responsibilities in becoming crew heads, designers, and running crews for the 6 to 10 productions in the theatre. Students will explore career opportunities in technical theatre. Production participation (including after school production work) is required for all Tech I-IV students.

456 Technical Theatre II
457 Technical Theatre III
458 Technical Theatre IV
Credit: 1
This course is a workshop atmosphere for the development of advanced technical theatre skills. Students will develop public relations skills for use in the theatre, attend live theatre events, and explore career opportunities for theatre. Student participation

(including after school rehearsals) in all Theatre Arts productions is required.

459 Directing Seminar
Prerequisite: 3 previous Theatre Arts credits
Credit: Local (CH)
Students will direct a play for public audience. Students will select a script, analyze it, design the production, cast, and rehearse the actors. Prior approval from drama teacher is required.

465 Concert Band I
466 Concert Band II
467 Concert Band III
468 Concert Band IV
Prerequisite: By audition
Credit: 1 (CH, O, CP, W)
This course is a foundation course for students who need assistance toward future membership in the Symphonic Band or Wind Ensemble. Students are given opportunities for mental and physical discipline, citizenship through group endeavor, physical conditioning, cultural growth, skills in making musical value judgments through critical listening, skills in music theory, and proper instrumental techniques. The Concert Band performs concerts, marches at all football games and competes in both TMEA and UIL sponsored events, as well as various school and community events. Participation in summer marching camp and all out-of-school performances and rehearsals is required.

469 Marching Band Fine Arts
Credit: .5 (O, W)
This ensemble consists of every student enrolled in the band program (Concert Band, Symphonic Band, Wind Ensemble, Percussion Ensemble and Color Guard. Marching Band (1st semester) may be substituted for Physical Education Credit (.5) each year with the 2nd semester of Band receiving Fine Arts Credit (.5). In order to be waived for the entire 1.5 Physical Education credits required for graduation, a student must participate in the band program for three years.

470 Instrumental Ensemble I
471 Instrumental Ensemble II
472 Instrumental Ensemble III
473 Instrumental Ensemble IV
Prerequisite: By audition
Credit: .5 – 1 (O, CP, W)

480 Jazz Ensemble I
481 Jazz Ensemble II
482 Jazz Ensemble III
483 Jazz Ensemble IV
Prerequisite: By audition
Credit: 1 (CC, CH)
This is a participatory instrumental ensemble class that focuses on the learning, development and performance of all classifications of jazz music, with a strong emphasis on improvisation and application of music theory. The jazz band is a performance based organization and participation at out-of-school performances and rehearsals is required. Students must participate in one of the parent instrumental organizations (band, orchestra) in order to enroll in this class.

485 Percussion Ensemble I
486 Percussion Ensemble II
487 Percussion Ensemble III
488 Percussion Ensemble IV
Prerequisite: By audition
Credit: 1 (CC, CH, CP, W)
This course is reserved for percussion students who have achieved a high level of success on their instruments. The ensemble performs numerous concerts with the band classes throughout the year, participates in UIL and TMEA sponsored events and participates in the marching band. Participation in summer marching camp and all out-of-school performances and rehearsals is required.

490 Symphonic Band I
491 Symphonic Band II
492 Symphonic Band III
493 Symphonic Band IV
Prerequisite: By audition
Credit: 1
This is the non-varsity band and performs numerous concerts, marches at football games, competes in both TMEA and UIL activities, as well as various school and community events. Students are given opportunities for mental and physical discipline, citizenship through group endeavor, physical conditioning, cultural growth, skills in making musical value judgments through critical listening, skills in music theory, and proper instrumental techniques. This ensemble will rehearse and perform music from medium to difficult level and private lessons are strongly encouraged. Participation in summer marching camp and all out-of-school performances and rehearsals is required.

494 Chamber Orchestra I
499 Chamber Orchestra II
504 Chamber Orchestra III
509 Chamber Orchestra IV
Prerequisite: By audition
Credit: 1 (CH, O, CP)
This course is a foundation course for students who need assistance on their orchestra skills in order to be better prepared for Symphonic or Philharmonic Orchestra. Students are given opportunities for mental and physical discipline, citizenship through group endeavor, physical conditioning, cultural growth, skills in making musical value judgments through critical listening, skills in music theory, and proper instrumental techniques.

495 Wind Ensemble I
496 Wind Ensemble II
497 Wind Ensemble III
498 Wind Ensemble IV
Prerequisite: By audition
Credit: .5 - 1
This performing group is the varsity ensemble and is designed to challenge those students who have achieved the highest musical standards and skills. The Wind Ensemble performs numerous concerts, marches at all football games and competes in both TMEA and UIL activities as well as various school and community events. Students are given opportunities for mental and physical discipline, citizenship through group endeavor, physical conditioning, cultural growth, skills in making musical value judgments through critical listening, skills in music theory, and proper instrumental techniques. Students will participate in small group playing experiences, develop new awareness of ensemble music literature, study ensemble techniques, and refine musical and technical skills. Participation in summer marching camp and all out-of-school performances and rehearsals is required.

500 Orchestra Philharmonic I
501 Orchestra Philharmonic II
502 Orchestra Philharmonic III
503 Orchestra Philharmonic IV
Prerequisite: By audition
Credit: 1
This is the non-varsity ensemble with moderate performance demands. The orchestra will participate in concerts, U.I.L. and T.M.E.A. events. Students are given opportunities for mental and physical discipline, citizenship through group endeavor, physical conditioning, cultural growth, skills in making musical value judgments through critical

listening, skills in music theory, and proper instrumental techniques. Attendance at out-of-school rehearsals and performances is required. Open to orchestral string instrumentalists only.

505 Orchestra Symphonic I
506 Orchestra Symphonic II
507 Orchestra Symphonic III
508 Orchestra Symphonic IV
Prerequisite: By audition
Credit: 1
This performing group is the varsity ensemble and is designed to challenge those students who have achieved the highest musical standards and skills. Each orchestra member will be required to participate in U.I.L. and T.M.E.A. contests, civic concerts, orchestra festivals, formal concerts and other performance obligations. Students are given opportunities for mental and physical discipline, citizenship through group endeavor, physical conditioning, cultural growth, skills in making musical value judgments through critical listening, skills in music theory, and proper instrumental techniques. Attendance of out-of-school rehearsals and performances is required. Open to orchestral string instrumentalists only.

510 A Cappella Choir I
511 A Cappella Choir II
512 A Cappella Choir III
513 A Cappella Choir IV
Prerequisite: By audition
Credit: 1 (CC, CH, W)
A Cappella Choir is the most advanced of all available choir course offerings. Considerable demands are placed upon each choir member with regard to UIL contest preparation, civic concerts, choir festivals, formal concerts and other performance obligations. Participation at out-of-school rehearsals and performances is required.

515 Chamber Choir I
516 Chamber Choir II
517 Chamber Choir III
518 Chamber Choir IV
Prerequisite: By audition
Credit: 1
The Chamber Choir is a small, highly selective mixed choir. The main objective of this choir is to prepare and perform music from all musical time periods which are suitable for Chamber Choir. Considerable demands will be placed upon students in this ensemble with regard to UIL and TMEA contest preparation, civic concerts, choir festivals, formal concerts, and other performance obligations as scheduled. Participation at out-of-school rehearsals and performances is required.

520 Men's Chorus I
521 Men's Chorus II
522 Men's Chorus III
523 Men's Chorus IV
Prerequisite: By audition
Credit: 1 (CC, O, CP, W)
The Men's Choir is a choral organization for male voices with moderate performance demands. The choir will participate in concerts, TMEA and UIL events. The primary purpose of this choir is to serve as a preparatory choir, stressing vocal fundamentals and music reading skills. Participation at out-of-school rehearsals and performances is required.

525 Non-Varsity Women's Choir I
526 Non-Varsity Women's Choir II
527 Non-Varsity Women's Choir III
528 Non-Varsity Women's Choir IV
Prerequisite: By audition
Credit: 1 (CC, O, CP)

530 Treble Choir I
531 Treble Choir II
532 Treble Choir III
533 Treble Choir IV
Prerequisite: By audition
Credit: 1 (CH, CP, W)
The Treble Choir is a choral organization for female voices with moderate performance demands. The choir will participate in concerts, TMEA and UIL events. The primary purpose of this choir is to serve as a preparatory choir, stressing vocal fundamentals and music reading skills. Participation at out-of-school rehearsals and performances is required.

535 Varsity Women's Choir I
536 Varsity Women's Choir II
537 Varsity Women's Choir III
538 Varsity Women's Choir IV
Prerequisite: By audition
Credit: 1 (O, W)
Varsity Women's Choir is a choral organization with stringent performance demands. Considerable demands are placed upon each choir member with regard to UIL and TMEA contest participation, civic concerts, choir festivals, formal concerts, and other performance obligations as scheduled. Participation at out-of-school rehearsals and at all performances is required.

540 Vocal Ensemble I
541 Vocal Ensemble II
542 Vocal Ensemble III
543 Vocal Ensemble IV
Prerequisite: By audition
Credit: 1 (O, CP)

550 Music Theory I
Credit: .5 – 1 (CC, CH, O, CP, W)
This is an academically rigorous course designed to enrich and prepare students who desire to study music at an advanced level. Fundamentals of music will be reinforced and students will develop basic music literacy. Elements in this course will include notation, melody, harmony, rhythm, and musical terminology.

551 Music Theory II
Prerequisite: Music Theory I
Credit: .5 – 1 (CC)

552 AP Music Theory
Prerequisite: Music Theory I
Credit: 1
AP Music Theory is designed for students who will pursue music as a career or desire to further enrich their music education. The main emphasis is placed on elements of music from the Common Practice period (1600-1750), however music of other stylistic periods will also be studied (Medieval, Renaissance, Romantic, 20th Century, and modern music). The focus of this course is to prepare students to take the AP Music Theory exam and/or similar coursework at the collegiate level.

555 Dance I
Credit: 1
This is a foundation course, balancing the areas of terminology, technique and movement. Students will learn and perform dance through a broad presentation of skills, technical terminology, historical background, cultural and artistic diversity. Students are given the opportunity to experience movement physically, visually and spiritually; experimenting/exploring within the creative process of group/individual choreography through the dance genres of ballet, modern, folk/social, jazz and ethnic. Fees cover the cost of necessary dancewear.

556 Dance II
Prerequisite: Dance I
Credit: 1
This course provides an in-depth study of dance terminology, technique/style, music appreciation, rhythmic analysis

and factors that influence movement. Studies will also increase kinesthetic awareness, develop movement memory and allow students to conceptualize movement ideas/motifs through improvisation and composition. Students will be required to participate in performances in and out of the regular school day. Fees cover the cost of necessary dancewear.

557 Dance III
Prerequisite: Dance II
Credit: 1
This course allows dance students the opportunity to acquire advanced skills in the fundamental dance genres covered in Dance I and II. Students will develop an awareness of space, time, and energy as design factors in dance performance and choreography; respond to tempo, meter, accent, and phrasing; manipulate qualities of movement in designing dance studies; develop musicality in performing dance phrases/sequences and compositional studies; and explore historical influences of dance. Students will be required to participate in performances in and out of the regular school day. Fees cover the cost of necessary dancewear.

558 Dance IV
Prerequisite: Dance III
Credit: 1
This course stresses more advanced dance techniques with each student being encouraged to choreograph a complete/complex movement statement, present movement studies at the performance level, evaluate movement ideas, and express concrete or abstract ideas in movement. Students will explore and analyze historical influences of dance, analyze dance concerts and respond with a knowledgeable understanding of dance as an art form. Students will be required to participate in performances in and out of the regular school day. Fees cover the cost of necessary dancewear.

559 Drill Team
Credit: Local credit (W)

560 Cheer Dance I
561 Cheer Dance II
562 Cheer Dance III
563 Cheer Dance IV
Credit: .5 (O)

565 Drill Dance I
566 Drill Dance II
567 Drill Dance III
568 Drill Dance IV
Credit: 1 (CC, O, CP, W)
This is a competitive dance team which provides entertainment for various school activities, athletic events, community events as well as participating in dance team competitions and camps. Participation in after school rehearsals and performance is required. Team members will incur team related expenses. Guidelines, rules, and regulations must be followed. The drill team is open to any girl who can meet the eligibility requirements and can qualify before a panel of judges in a yearly audition in the Spring Semester. Drill Team is a full year course.

570 Choreography
Prerequisite: Dance III (557)
Credit: Local credit (CH)
This course is the foundation for students who desire an introduction to the area of dance production and choreography. This course will offer a wide variety of topics including lighting, costuming, make-up, space, design, time sequence, music, and stage workings. Students will be required to participate in performances in and out of the regular school day. *(CH)*

571 Boys Dance Crew I
572 Boys Dance Crew II
573 Boys Dance Crew III
Credit: 1 (CH)
This course is a performance-based class which provides entertainment for various school activities, athletic events, and community events. Participation in after school rehearsals and performances is required. Placement in this course is by audition.

Health and Physical Education

080 Health
Credit: .5
This course helps students acquire the information necessary to become healthy adults and learn behaviors in which they should or should not participate. Students use problem solving, research and goal setting to gain knowledge and skills useful in making decisions in the areas of nutrition, CPR and First Aid, maturity, diseases (including STDs) and drug use.

5751 PE1A – Foundations
Credit: .5 - 1
The course teaches students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness is the cornerstone of this course and students design their own personal fitness program.

5761 Aerobic Activities
Credit: .5 - 1
Students acquire the knowledge and skills for movement that provide the foundation for enjoyment and continue social development through physical activity.

5771 Adventuring/Outdoor Education
Credit: .5 - 1
Students enrolled in Adventure/Outdoor Education will acquire skills necessary for outdoor education activities such as backpacking, boating, camping, hiking, orienteering, fishing, water sports and/or water safety. Students will have an understanding of the rules/laws, skills, and safety precautions for all outdoor education activities. Training for skills/competencies in Adventure/Outdoor education will take place on campus, although some field trips are possible. Students will be asked to develop and begin appropriate conditioning programs for Outdoor Education activities.

5781 Individual/Team Sports
Credit: .5 - 1
Individual/Team Sports focuses on skill development and game concept through participation in individual and team activities. This course provides an opportunity for students to acquire skill related fitness through participation in individual and team sports. Students will be involved in a variety of sports that may include archery, badminton, golf, handball, recreational games, table tennis, track and field, bounceball, basketball, volleyball, softball, flag football, soccer, and weight training.

584 PE
Credit: Local Credit (W)

5851 Baseball I
5852 Baseball II
5853 Baseball III
5854 Baseball IV
Credit: .5 - 1

5861 JV Baseball I
5862 JV Baseball I
5863 JV Baseball II
5864 JV Baseball II
Credit: .5 - 1

5871 Varsity Baseball I
5872 Varsity Baseball II
5873 Varsity Baseball III
5874 Varsity Baseball IV
Credit: .5 – 1

5881 Basketball Boys I
5882 Basketball Boys II
5883 Basketball Boys III
5884 Basketball Boys IV
Credit: .5 – 1

5891 JV Basketball Boys I
5892 JV Basketball Boys II
5893 JV Basketball Boys III
5894 JV Basketball Boys IV
Credit: .5 - 1

5901 Varsity Basketball Boys I
5902 Varsity Basketball Boys II
5903 Varsity Basketball Boys III
5904 Varsity Basketball Boys IV
Credit: .5 – 1

5911 Basketball Girls I
5912 Basketball Girls II
5913 Basketball Girls III
5914 Basketball Girls IV
Credit: .5 - 1

5921 JV Basketball Girls I
5922 JV Basketball Girls II
5923 JV Basketball Girls III
5924 JV Basketball Girls IV
Credit: .5 - 1

5931 Varsity Basketball Girls I
5932 Varsity Basketball Girls II
5933 Varsity Basketball Girls III
5934 Varsity Basketball Girls IV
Credit: .5 – 1

5951 Cheerleading PE
Credit: .5 - 1
The cheerleading team is a group which promotes school spirit at athletic events and community activities. The cheerleading team is open to anyone who can meet the eligibility requirements and who can qualify before a panel of tryout judges in the spring of each year. Numerous afterschool practices and out-of-school performances as well as personal expense will be required. Successful completion of Cheerleading will earn ½ credit of Physical Education equivalency.

5991 Cross Country Boys I
5992 Cross Country Boys II
5993 Cross Country Boys III
5994 Cross Country Boys IV
Credit: .5 - 1

6001 Cross Country Girls I
6002 Cross Country Girls II
6003 Cross Country Girls III
6004 Cross Country Girls IV
Credit: .5 – 1

6011 Dance Aerobic Activities
Credit: .5 - 1

6051 Diving I
6052 Diving II
6053 Diving III
6054 Diving IV
Credit: .5 - 1 (O, W)

6061 Drill Team PE
Credit: .5 - 1
The drill team is a precision drill team which provides entertainment for various school activities, athletic halftimes, community activities, charity organizations, etc. The drill team is open to any girl who can meet the eligibility requirements and can qualify before a panel of tryout judges in the spring of each year. Although the drill team is an elective course, numerous after-school practices will be required. Successful completion of the fall semester of Drill Team will earn ½ credit of a Physical Education equivalency. Drill team members earn ½ credit of Drill Team Dance in the spring semester.

6101 Football I
6102 Football II
6103 Football III
6104 Football IV
Credit: .5 - 1

6111 JV Football I
6112 JV Football II
6113 JV Football III
6114 JV Football IV
Credit: .5 - 1

6121 Varsity Football I
6122 Varsity Football I
6123 Varsity Football III
6124 Varsity Football IV
Credit: .5 - 1

6131 Golf Boys I
6132 Golf Boys II
6133 Golf Boys III
6134 Golf Boys IV
Credit: .5 - 1

6141 JV Golf Boys I
6142 JV Golf Boys II
6143 JV Golf Boys III
6144 JV Golf Boys IV
Credit: .5 - 1

6151 Varsity Golf Boys I
6152 Varsity Golf Boys II
6153 Varsity Golf Boys III
6154 Varsity Golf Boys IV
Credit: .5 - 1

6161 Golf Girls I
6162 Golf Girls II
6163 Golf Girls III
6164 Golf Girls IV
Credit: .5 - 1

6171 JV Golf Girls I
6172 JV Golf Girls II
6173 JV Golf Girls III
6174 JV Golf Girls IV
Credit: .5 - 1

6181 Varsity Golf Girls I
6182 Varsity Golf Girls II
6183 Varsity Golf Girls III
6184 Varsity Golf Girls IV
Credit: .5 - 1

6191 Soccer Boys I
9192 Soccer Boys II
9193 Soccer Boys III
9194 Soccer Boys IV
Credit: .5 – 1

6201 JV Soccer Boys I
6202 JV Soccer Boys II
6203 JV Soccer Boys III
6204 JV Soccer Boys IV
Credit: .5 - 1

6211 Varsity Soccer Boys I
6212 Varsity Soccer Boys II
6213 Varsity Soccer Boys III
6214 Varsity Soccer Boys IV
Credit: .5 - 1

6221 Soccer Girls I
6222 Soccer Girls II
6223 Soccer Girls III
6224 Soccer Girls IV
Credit: .5 - 1

6241 Varsity Soccer Girls I
6242 Varsity Soccer Girls II
6243 Varsity Soccer Girls III
6244 Varsity Soccer Girls IV
Credit: .5 - 1

6251 Softball I
6252 Softball II
6253 Softball III
6254 Softball IV
Credit: .5 - 1

6261 Swim I
6262 Swim II
6263 Swim III
6264 Swim IV
Credit: .5 - 1 (CH, O, CP, W)

6271 Swim I
6272 Swim II
6273 Swim III
6274 Swim IV
Credit: .5 - 1

6281 Tennis I
6282 Tennis II
6283 Tennis III
6284 Tennis IV
Credit: .5 – 1

6291 JV Tennis I
6292 JV Tennis II
6293 JV Tennis III
6294 JV Tennis IV
Credit: .5 - 1

6301 Varsity Tennis I
6302 Varsity Tennis II
6303 Varsity Tennis III
6304 Varsity Tennis IV
Credit: .5 - 1

6311 Track Boys I
6312 Track Boys II
6313 Track Boys III
6314 Track Boys IV
Credit: .5 - 1

6321 Track Girls I
6322 Track Girls II
6323 Track Girls III
6324 Track Girls IV
Credit: .5 - 1

6331 Trainer I
6332 Trainer II
6333 Trainer III
6334 Trainer IV
Credit: .5 - 1

6341 Volleyball I
6342 Volleyball II
6343 Volleyball III
6344 Volleyball IV
Credit: .5 - 1

6351 JV Volleyball I
6352 JV Volleyball II
6353 JV Volleyball III
6354 JV Volleyball IV
Credit: .5 - 1

6361 Varsity Volleyball I
6362 Varsity Volleyball II
6363 Varsity Volleyball III
6364 Varsity Volleyball IV
Credit: .5 - 1

6371 Wrestling I
6372 Wrestling II
6373 Wrestling III
6374 Wrestling IV
Credit: .5 - 1 (CH, O, CP, W)

6381 Marching Band I PE
Prerequisite: By audition
Credit: .5

6451 Off-Campus PE I
6452 Off-Campus PE II
6453 Off-Campus PE III
6454 Off-Campus PE IV
Credit: .5 - 1

6461 Break Dancing I
Credit: .5 - 1

6471 Color Guard I
6472 Color Guard II
6473 Color Guard III
6474 Color Guard IV
Credit: .5 - 1

Career and Technical Education

Fees may be applicable. Check with your school for more information.

Agriculture, Food & Natural Resources

K100 Principles of Agriculture, Food & Natural Resources
Credit: .5 - 1
Enhances the agricultural comprehension of young adults. Includes agricultural career development, leadership, communications and personal finances. This course also includes the overview of soil and plants, animals, and agricultural construction.

K102 Livestock Production
Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)
Credit: .5 - 1
Introduces the common veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals. This course is recommended for those that have an interest in the Veterinary Science field.

K103 Small Animal Management
Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)
Credit: .5 – 1 (CC, CH, O, W)
Focuses on working in small animal industry, animal rights and welfare, career opportunity in small animal care. This course is recommended for those that have an interest in the Veterinary Science field.

K104 Equine Science
Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)
Credit: .5 (CC, O, CP, W)
Develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. This course is recommended for those that have an interest in the Veterinary Science field.

K105 Veterinary Medical Applications (Vet Med Asst. I)
Prerequisites: Principles of Agriculture, Food & Natural Resources, either Equine Science or Livestock Production
Credit: 1 (CC, CH, O, W)
Develop and expand the knowledge and techniques skills pertaining to Veterinary Technical Assistant area. This course is designed as a laboratory-oriented course that allows students hands-on experience within the area of diagnostic testing, client records, employer/employee relationship, and techniques used in surgical practices. Students are required to complete an internship with licensed Veterinarian in order to take the state certification test for Veterinary Assistant Level I.

K106 Advanced Animal Science
Credit: 1 (CC, O, W)
Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics, and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock. This class is recommended for those students with an interest in Veterinary Science.

K107 Professional Standards in Agribusiness
Credit: .5 (CC)
This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness.

K108 Agribusiness Management and Marketing
Credit: 1 (CC)
This course is designed to provide a foundation to agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agriculture.

K112 Food Technology and Safety
Credit: 1 (CC, CH)
This course examines the food technology industry as it relates to food production, handling, and safety.

K113 Food Processing
Credit: 1 (CC)
This course focuses on the food processing industry with special emphasis on the handling, processing, and marketing of food products.

K114 Wildlife, Fisheries & Ecology Management
Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)
Credit: .5 – 1 (CC, O, CP, W)
Examines the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. Students will also examine the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs. Students are able to obtain their Hunter Safety certification during this course if they pass their exam.

K115 Range Ecology & Management
Credit: 1 (CC)
This course is designed to develop students' understanding of rangeland ecosystems and sustainable forage production.

K117 Principles & Elements of Floral Design
Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)
Credit: 1
Exposes students to the basic techniques of floral design. This class is project-based with many large and small projects used to evaluate the progress of the student. There are lots of hands-on activities to involve the students in techniques required in the floral industry.

K118 Landscape Design & Turf Grass Management
Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)
Credit: .5 – 1 (CC, O, CP)
Focuses on plant identification, selection, care, and maintenance as well as planting, planning and developing a basic landscape. This course focuses on both commercial and residential landscaping.

K119 Horticulture Science
Prerequisite: Principles of Agriculture, Food & Natural Resources
Credit: .5 – 1 (CH, CP)
Focuses on the identification, production and care of plants. The students will study propagation,

fertilizing, transplanting, and growing various plants. Students will also investigate the various career pathways within the horticulture industry.

K121 Agricultural Mechanics & Metal Technologies
Prerequisite: Principles of Agriculture, Food & Natural Resources
Credit: .5 - 1
Develops proficiency in many welding skills. Students will be expected to use the cutting torch and MIG Welders. Welding in several positions, which include flat, horizontal, and vertical. The course develops an understanding of tool operation, electrical wiring, plumbing, carpentry, and metal working techniques.

K122 Agricultural Facilities Design & Fabrication
Prerequisite: Principles of Agriculture, Food & Natural Resources
Credit: 2 (CH)
Introduce and develop principles of electricity. Geographic Information Systems (GIS), working with concrete, water-management systems, masonry, drywall, and roofing materials.

K124 Practicum in Agriculture, Food & Natural Resources (Vet Med Asst. II)
Prerequisite: Principles of Agriculture, Food & Natural Resources
Credit: 2 (CC, O)
Provides students with a non-paid internship arrangement between the high school and agriculture industry. It provides juniors and seniors with a professional internship experience. Students recognize the value of effective work ethics and attitudes and develop communications and problem-solving skills. This course is for those individuals that have completed Veterinary Medical Application and their state Veterinary Assistant Level I certification. Students enrolled in this course are eligible to take the state certification for Veterinary Assistant Level II.

Architecture & Construction

K150 Principals of Architecture & Construction
Credit: 1 (CH, O)
Introduces students to the basic knowledge and skills related to the career opportunities and training in the architecture and construction fields.

K151 Interior Design
Credit: .5 – 1
This technical course addresses the needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and prepare for careers in the interior design field.

K152 Advanced Interior Design
Prerequisite: Interior Design
Credit: 1 (CH, O, CP)
Students will use interior design theory, layout & design lines, symbols, and drawings to create original projects which will include the use of colors and furnishings. Projects will include kitchen and bath design as well as commercial and residential design. Furnishings will be emphasized.

K153 Practicum in Interior Design
Credit: 2 (CP)
The practicum course is a paid or unpaid capstone experience or independent study course for students participating in a coherent sequence of career and technical education courses in the field of interior design. Instruction may be delivered through laboratory training or through career preparation delivery arrangements.

K155 Architectural Design
Prerequisite: Engineering Design
Recommended: Algebra I, Geometry
Credit: 1 (CH, O, CP, W)
In Architectural Design, students gain knowledge and skills specific to those needed to enter a career in architecture or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design and landscape architecture. Architectural Design includes the design, design history, techniques, and tools related to the production of drawings, renderings and scale models for residential architectural purposes.

K156 Advanced Architectural Design
Prerequisites: Engineering Design & Presentation and Architectural Design
Credit: 1 – 2 (CH, O, CP, W)
In Advanced Architectural Design, students gain advanced knowledge and skills specific to those needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. Advanced Architectural Design includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes.

K161 Construction Technology (Building Trades I)
Credit: 1 (CH, O)
Students will gain knowledge and skills related to various careers in the construction trade. Student acquire knowledge in areas such as; safety, measuring, laying-out, handtools/powertools, and assembling. Students will participate in hands-on lab activities, such as; blueprint reading, framing, roofing, etc.

K162 Advanced Construction Technology (Building Trades II)
Prerequisite: Construction Technology
Credit: 2 (CH, O)
Students will gain advanced knowledge and skills specific to those needed to enter the constructions workforce. Advanced students will be expected to demonstrate safety practices, craftsmanship, and leadership abilities to first year students. Advanced students will be expected to participate at a high level in hands-on laboratory activities related to construction trades.

Arts, A/V Technology & Communications

K200 Principles of Arts, A/V Technology & Communication
Credit: .5 – 1 (CC, CH)
Students will develop an understanding of the various and multifaceted career opportunities in Arts, Audio/Video Technology & Communication and the knowledge, skills, and educational requirements for those opportunities.

K201 Animation
Prerequisite: Art I or Graphic Design Illustration
Credit: 1
Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

K202 Advanced Animation
Prerequisite: Animation
Credit: 2 (CH, O, W)
Careers in animation span all aspects of motion graphics. 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 create two and three dimensional animations. The instruction also assists students seeking careers in the animation industry.

K203 Audio Video Production
Prerequisite: Principles of Arts, A/V, Technology & Communication
Credit: 1 (CC, CH, W)
Students will be expected to develop an understanding of the audio and video industry with a focus on preproduction, production and postproduction activities. Students will demonstrate how to frame and maintain picture composition, analyze the script and storyboard development processes for a successful production, and understand audio techniques, including microphone variances and sound mixing. Students will use character generators, fonts, colors, and principles of composition to create graphic images. Students will also create audio and video technology products for a variety of purposes and audiences.

K204 Advanced Audio Video Production
Credit: 1 – 2 (CC, CH, W)
Students will identify specific elements of scriptwriting needed for a successful production, including cast, props, and sound effects. Students will demonstrate appropriate knowledge of components and digital editing. Students must understand the various delivery formats such as disk, broadcast, cellular, portable devices, electronic and online delivery. Students will discuss the responsibilities of directors, including the relationship to the production team and the responsibilities of crew members.

K207 Graphic Design and Illustration
Prerequisite: Principles of Arts, A/V, Technology & Communication (recommended)
Credit: 1 (CH, O, CP, W)
Careers in graphic 1 and illustration span all aspects of the advertising and visual communication 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.

K208 Advanced Graphic Design and Illustration
Prerequisite: Graphic Design and Illustration
Credit: 2 (CH)
Advanced Graphic Design and Illustration provides students an opportunity to expand upon the knowledge and skills mastered in Graphic Design and Illustration. Students will create a variety of advanced pictorial renderings and will be given the opportunity to complete Adobe certifications.

K211 Commercial Photography
Credit: 1 (W)

K213 Fashion Design
Credit: 1
This laboratory course focuses on careers in the fashion and textile/apparel industries. Students will be exposed to the apparel production process from design concept to finished product. Course content includes apparel construction, care, and maintenance.

K214 Advanced Fashion Design
Prerequisite: Fashion Design
Credit: 2-3 (CC, O, CP)
Students will develop an advanced understanding of fashion with an emphasis on design and construction of clothing. They will explore textiles and the appropriate uses as well manufacturing techniques. Students will use multiple machines in the construction of 3-4 projects.

K215 Practicum in Fashion Design
Prerequisites: Fashion Design and Advanced Fashion Design
Credit: 2 (CP)
In this lab-based class, students will create a portfolio of their work which will consist of original designs. Advanced sewing techniques will be taught. Students will gain knowledge of the business aspect of fashion and retailing. They will also gain knowledge of how to plan special events such as fashion shows and trunk shows.

Business Management & Administration

K250 Principles of Business, Marketing & Finance
Credit: .5-1
Students are introduced to knowledge and skills of economics and private enterprise a systems, impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles.

K251 Touch System Data Entry
Credit: .5 (W)
Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills through use of proper keyboarding technique while developing speed and accuracy.

K252 Business Information Management I
Credit: 1
Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make successful transition to the workforce and post-secondary education. Students will apply technical skills through word-processing, spreadsheet, database, and electronic presentation software.

K253 Business Information Management II
Prerequisite: Business Information Management I
Credit: 1
Students implement personal and interpersonal skills to strengthen individual performance in the workplace and post-secondary education. Students will apply complex technical skills through word-processing and spreadsheet, and developing electronic presentations using multimedia software.

K255 Business Law
Credit: .5 (CC, O, CP, W)
Students analyze the evolution and development of laws that govern business in our society. Students apply technical skills to address business applications of contemporary legal issues and analyze the social responsibility of business and industry.

K256 Global Business
Credit: .5 (CP, W)
Students develop a foundation in financial, technical, international, social and ethical aspects of business. Students will study the global, competitive nature of business and develop reading, writing, communication and reasoning skills and apply them to the business environment. The skills obtained will assist them in making a successful transition to the workforce or post-secondary study.

K258 Virtual Business
Prerequisite: Business Information Management I
Credit: .5 (CC, CP, W)
Students will be able to identify steps needed to locate customers, set fees and develop client contracts. Students will be able to provide administrative, creative, and technical services using advanced technological modes of communication and data delivery. The student builds a functional website that incorporates the essentials of a virtual business.

K259 Business Management
Credit: 1-2 (CC, CP)
Students develop a foundation in the economic, financial, technological, international, social and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad range of knowledge that includes legal, managerial, marketing, financial, ethical and international dimensions of business to make appropriate management decisions.

Education & Training

K276 Human Growth and Development
Credit: 1 (CC, O)
This course is a study of human development across the lifespan, from childhood to adulthood. Emphasis is placed on topics such as: research, theory, development, and common social, emotional, physical, and learning stages.

K277 Instructional Practices in Education and Training
Credit: 2 (CC, O, W)
A field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching practices. Students will work under the joint direction and supervision of a teacher who has expertise in the areas of child development and educational methodology and an exemplary educator who is working in an instruction role in an elementary/middle/high school setting. Students will learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers.

K278 Practicum in Education and Training
Credit: 2 (CC, O, W)

Finance

K300 Money Matters
Credit: .5 (CC, CH, O, W)
Students will investigate global economics in 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 goals based on these options. Students will determine methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning.

K301 Banking and Financial Services
Prerequisite: Principles of Business, Marketing and Finance
Credit: .5 (CC, O, CP)
Students develop knowledge and skills in the economical, financial, technological, international, social, and ethical aspects of banking to become competent consumers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

K304 Accounting I
Prerequisite: Principles of Business, Marketing, and Finance
Credit: 1
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 reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

K305 Accounting II
Prerequisite: Accounting I
Credit: 1 (CC, O, CP, W)
Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making.

Health Science

K350 Principles of Health Science
Prerequisite: Biology
Credit: 1 (CH, O, CP, W)
The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

K351 Medical Terminology
Credit: .5 (O, CP, W)
This course introduces students to the structure of medical terms, including word roots, prefixes and suffixes and abbreviations.

K352 Health Science
Prerequisites: Principles of Health Science
Credit: 1 – 2 (CH, O, CP)
The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning.

K353 Practicum in Health Science
Prerequisites: Principles of Health Science
Credit: 2 – 3 (O, CP, W)
The Practicum is designed to give students practical application of

previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

K354 Practicum in Health Science II
Credit: 2 – 3 (CP, W)

K355 Anatomy & Physiology Honors
Prerequisites: Biology I and Chemistry I
Credit: 1
This course is an in-depth study of the systems of the human body. Each system is investigated using illustrations, microscope slide studies, physiological experiments, computer simulations, and detailed dissections of the cat.

K356 Medical Microbiology
Credit: .5 (CH, O)
Students will study the relationships of microorganisms to wellness and disease. They develop knowledge and skills related to disease prevention by learning the chain of infection, asepsis, and standard precautions. Pathogenic and nonpathogenic organisms will be identified to assist in the understanding of specific diseases, causative agents, and treatment options.

K357 Pathophysiology
Credit: .5 (CH, O)
This course allows students to conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Students in Pathophysiology study disease processes, and how human systems are affected. Emphasis is placed on prevention and treatment of diseases. Students will differentiate between normal and abnormal physiology. The course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

Hospitality & Tourism

K377 Restaurant Management
Credit: .5 (O)
This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. Students will gain insight into the operation of a well-run restaurant.

K378 Travel and Tourism Management
Credit: .5 (O)
This course incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications
and opportunities are also included in this course.

K379 Culinary Arts
Prerequisite: Lifetime Nutrition & Wellness
Credit: 1-2 (CH, O)
This laboratory-based course begins with the fundamentals and principles of the art of food preparation and includes management and production skills and techniques. Students can pursue a national sanitation certification and other appropriate industry certifications. The knowledge and skills required for careers in the restaurant, food, and beverage industry are practiced as food is prepared for campus based restaurant.

K380 Practicum in Culinary Arts
Prerequisite: Culinary Arts
Credit: 2-3 (CH)
This course is a unique practicum that provides occupationally-specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Students will be given scholarship opportunities through food service competitions and will be able to develop and sharpen job readiness skills through training in ethics, leadership, and hands-on experiences.

Human Services

K400 Principles of Human Services
Credit: .5 (CC, CH, O)
This laboratory course 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.

K401 Dollars and Sense
Credit: .5 (O, W)
This course focuses on consumer practices and responsibilities, the money management process, decision-making sills, the impact of technology on financial management, and preparation for human services careers.

K402 Interpersonal Studies
Credit: .5 (W)
This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

K403 Lifetime Nutrition & Wellness
Credit: .5 – 1
This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality, human services, and health sciences. Laboratory experiences will focus on the integration of nutrition and wellness knowledge with basic food preparation and management skills.

K405 Child Development
Credit: .5
This course addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students will become equipped with child development knowledge that can be used to promote the well-being and healthy development of children and to investigate careers related to the care and education of children.

K406 Child Guidance
Credit: 1 – 2
Child Guidance provides students classroom instruction and laboratory experience to prepare for a career related to the care, guidance and education of preschool children. The Pre-Employment Laboratory Child Care Program allows student the opportunity to implement their lesson plans in an Early Education classroom located on the campus. Students learn to plan nutritious meals, follow safety procedures, determine guidance techniques and create educationally-

sound activities. In addition, students will explore careers related to Early Childhood education. Completion of the program will prepare students for higher education courses and employment in entry-level childcare programs.

K408 Practicum in Human Services I
Prerequisite: Child Guidance (recommended)
Credit: 2
This practicum provides occupationally specific training and focuses on the development of careers in early childhood. Practicum in Human Services expands the skills and knowledge gained in Child Guidance to a managerial view of a career in the child care field. Instruction will be delivered in a laboratory setting at the campus' Pre-Employment Laboratory Child Care Program. Students will learn business tools and will collaborate within a teamwork effort to efficiently provide a professional environment in an Early Childhood setting. Productivity will culminate with a professional portfolio that will include a resume and work samples. The portfolios will benefit students seeking employment and higher education in an Early Childhood setting.

K409 Practicum in Human Services II
Prerequisites: Practicum in Human Services I
Credit: 2 (CP)
This practicum provides occupationally specific training and focuses on the development of careers in the areas of consumer services, early childhood development and services, counseling, nutrition and wellness, hospitality and food services, fashion and interior design, and family and community services. Content is designed to meet the occupational preparation needs and interests of students by placing them in a paid employment setting.

K411 Cosmetology I
Credit: 3
Provides students with the basic specific classroom training needed to achieve their Texas Cosmetology License. Students will also be able to work on outside clientele for hands-on training. Students will be expected to purchase their beginners training kit during the first week of school. Students will be required to have completed 500 clocked hours before advancing to Cosmetology II.

K412 Cosmetology II
Prerequisite: Cosmetology I
Credit: 3
Upon completion of their Senior year and the required 1500 hours total, students will have received classroom training needed to prepare them for their Cosmetologist Exam from the Texas Department of Licensing and Regulations. Students will also be able to work on outside clientele for hands-on training.

Information Technology

K425 Principles of Information Technology
Credit: .5 – 1 (CH, O, CP, W)
Students 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.

K426 Computer Maintenance
Credit: 1 (O, W)
Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems.

K431 Digital & Interactive Media
Credit: 1 (CH, O, W)
Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

K432 Web Technologies
Prerequisite: Principles of Information Technology
Credit: .5- 1 (CH, CP, W)
Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

K437 Internetworking I
Credit: 1 – 2 (O, W)
K438 Internetworking II
Credit: 2 (O, W)
This is an advanced technology course designed to develop networking skills which includes understanding the concepts of networking and the technology industry standards. This is a hands-on course where students will learn how to design and construct LANs (local area networks) and WANs (wide area networks) using equipment such as RJ45 jacks, UTP cabling, cable, cable testers, crimpers, patch cords, patch panels, transceivers, hubs, switches, and routers. This course prepares students for the CCNA certification test.

Law, Public Safety, Corrections & Security

K451 Law Enforcement I
Credit: 1 (CH, O)
Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

K452 Law Enforcement II
Prerequisite: Law Enforcement I
Credit: 1 (CH, O)
Law Enforcement II introduces students to the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunications equipment, and courtroom testimony.

K453 Forensic Science
Prerequisite: Biology and Chemistry. Recommended prerequisite: Law Enforcement I
Credit: 1
Forensic Science uses a structured and scientific approach to the investigation of crimes such as assault, abuse and neglect, domestic violence, accidental death, and homicide. Students will learn terminology and investigative procedures related to crime scenes, questioning and interviewing, and scientific procedures used to solve criminal acts. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes. Students will conduct fingerprint, ballistics, and blood spatter analysis. Students will gain knowledge and understanding of forensic science by studying the history, legal aspects, and career opportunities in the field of forensics.

K454 Court Systems & Practices
Prerequisite: Law Enforcement I
Credit: 1 (CH)
Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation.

Manufacturing

K475 Principles of Manufacturing
Prerequisites: Concepts of Engineering and Technology or Teacher recommendation
Credit: 1 (CH, CP)
Provides exploration which addresses the knowledge and skills important in manufacturing technology and related careers in manufacturing. Students study common manufacturing tools, machines, materials and processes in the laboratory. Projects allow students to explore robotics, quality control, electronics, hydraulics and pneumatics.

K476 Welding
Prerequisite: Algebra I (recommended)
Credit: 1 (CH, O, W)
Welding provides the knowledge, skills,, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge.

K477 Advanced Welding
Credit: 1 – 2 (CH, O, W)
Advanced Welding builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as they relate to personal and career development.

K483 Practicum in Manufacturing I
Prerequisites: Principles of Manufacturing
Credit: 2 (O)
Combines occupationally related classroom instruction and on-the-job training experiences in an unpaid or paid manufacturing environment. In addition to general academic and technical knowledge and skills, students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers.

Marketing

K500 Advertising & Sales Promotion
Prerequisite: Principles of Business, Marketing & Finance
Credit: .5 (CC, O, CP, W)
Advertising and Sales Promotion is a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including 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.

K501 Fashion Marketing
Prerequisite: Principles of Business, Marketing & Finance
Credit: .5 (CC, CP)
Fashion Marketing is designed to provide students with knowledge of various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.

K502 Entrepreneurship
Prerequisite: Principles of Business, Marketing & Finance
Credit: .5 – 1 (CC, CP, W)
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.

K503 Retailing and E-tailing
Prerequisite: Principles of Business, Marketing & Finance
Credit: .5 (CC, CP, W)
Students will develop skills that involve electronic media techniques necessary for a business to compete in a global economy. Students will coordinate online and off-line marketing. Students will demonstrate critical-thinking skills used in decision-making models, case studies, various technologies, and business scenarios.

K504 Sports & Entertainment Marketing
Prerequisite: Principles of Business, Marketing & Finance
Credit: .5 (CC, O, CP)
This course will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and sporting events and entertainment. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans. This course will also provide students an opportunity to develop promotional plans, sponsorship proposals, endorsement contracts, sports and entertainment marketing plans, and evaluation and management techniques.

K505 Marketing Dynamics
Prerequisite: Principles of Business, Marketing & Finance, application and Teacher approval, and required employment averaging 15 hours per week
Credit: 2-3 (O, CP)
Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. This course may include paid or unpaid career preparation experience.

K506 Practicum in Marketing Dynamics I
Prerequisites: Marketing Dynamics, application and Teacher approval, and required employment averaging 15 hours per week
Credit: 2 (CP)
Through course required employment, students 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 create the marketing mix. This course covers technology, communication, and customer-service skills. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical education courses in marketing education.

Science, Technology, Engineering & Materials

K525 Concepts of Engineering and Technology
Credit: .5 – 1 (CC, CH, CP)
Concepts of Engineering and Technology provide an overview of the various fields of science, technology, engineering, and mathematics through the use of modular laboratory. Students will use a variety of computer hardware and software applications to complete assignments and projects. Students will have worked in design teams to develop a product or system. Students will use multiple software applications to prepare and present course assignments, relative to communication, construction, energy, aerospace, and more.

K527 Advanced Biotechnology Honors
Prerequisites: Biology and Chemistry
Credit: 1 (CC,CH,CP)
Students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques.

K528 Engineering Design & Presentation
Prerequisites: Algebra I recommended
Credit: 1 (CC, CH, O, W)
Students enrolled in this course will demonstrate knowledge and skill of the process of design as it applies to engineering fields using software applications and tools necessary to produce and present working drawings and prototypes. Students will use computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

K529 Advanced Engineering Design & Presentation
Prerequisite: Engineering Design & Presentation
Credit: 2 (CC, CH, W)
This course will provide students the opportunity to master computer software applications in a variety of engineering and technical fields. This course further develops the process of engineering thought and application of the design process. Students apply concepts of engineering and use a variety of technologies to develop prototypes to solve specific problems.

K531 Electronics
Credit: 1 (CC, CP)
Students enrolled in this course will demonstrate knowledge and applications of circuits, electronic measurement, and electronic implementation. Through use of the design process, students will transfer academic skills to component designs in a project-based environment. Students will use a variety of computer hardware and software applications to complete assignments and projects. Additionally, students explore career opportunities, employer expectations, and educational needs in the electronics industry.

K534 Principles of Technology
Prerequisites: Biology I, Chemistry, and Algebra I
Credit: 1
Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and behavior of waves.

K535 Scientific Research and Design
Prerequisite: Concurrent enrollment in Biology
Credit: 1 (CH, O, CP)
The purpose of this class is to introduce students to scientific research and to prepare them for their Individual Experimental Research Project (IERP). Students will learn problem identification, methods of library and computer searching, research methodologies, and data analysis and presentation. Students will also develop appropriate skills in computer applications, time management, and technical writing. Verbal and graphic communication opportunities will be provided. The concept of the research team will be explored, and importance of peer review and research ethics will be stressed.

K536 Scientific Research and Design II
Prerequisite: Biology and Chemistry
Credit: 1 (CH, CP)
The first semester of this course will introduce students to the fundamentals of electronic circuits. Students will build analog and digital direct-current circuits

using breadboards. There will also be limited exposure to programmable logic chips. Each student will design and prototype a battery-powered device. During the spring, the students will apply the principles learned in the fall to the design and construction of robots. They will explore the ways robots interact with their surroundings by testing a variety of sensors and interfacing them with programmable logic chips. Some simple programming experience is desirable.

Transportation, Distribution & Logistics

K579 Automotive Technology
Prerequisites: Energy, Power & Transportations Systems, Small Engine Technology
Credit: 1 - 2
Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus on this course is to teach the theory of operation of automotive vehicle systems and associated repair practices in a pre-employment laboratory.

K580 Advanced Automotive Technology
Prerequisite: Automotive Technology
Credit: 3
Automotive services include advanced knowledge of the function of the major automotive systems and principles of diagnosing and servicing these systems. In Advanced Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices in a pre-employment laboratory.

K581 Collision Repair & Refinishing
Credit: 2
Provides a two year program in the areas of: auto metal repair and reconditioning, auto rebuilding and auto refinishing, estimating costs of auto body repairs, and developing proper techniques for the applications of oxyfuel welding, cutting, razing, soldering, and electric welding processes.

K582 Advanced Collision Repair & Refinishing
Prerequisite: Collision Repair & Refinishing
Credit: 2
Students will continue learning in the area of Collision Repair & Refinishing. In the second semester of this course students will be afforded the opportunity to work in an industry in a related field. This real world work experience can take the form of either an internship or as career preparation training through the coordination of the Instructor.

Computer Science

860 Computer Science I PreAP
Prerequisite: Geometry (recommended)
Credit: 1 (CH, O, CP, W)
This course is designed to provide an in-depth study of the major components of computer science. Course content will include programming methodologies, simple data structures, algorithms, and an introduction to Object Oriented Programming design and implementation. The program language used is Java and the development environment is JCreator. Both are free software to encourage student use at home. Students who successfully complete this course may enroll in AP Computer Science II.

861 Computer Science II PreAP
Prerequisite: Computer Science I PreAP
Credit: 1 (CH, O, W)
Computer Science II is a continuation of the object oriented programming techniques studied in Computer Science I. Course is taught using the Java programming language. Topics include advanced programming algorithms and data structures including Java Collections, big-O analysis, sorting techniques, recursion, linked lists, stacks, queues, and trees.

863 AP Computer Science A
Prerequisite: Computer Science I PreAP
Credit: 1 (CH, O, CP, W)
This course follows the College Board Computer Science Advanced Placement Guidelines. The course will be taught using the programming language Java. The Barron's study guide will be used in preparation for the AP Computer Science A test. This course may be counted as a math credited on the Recommended Plan ONLY.

865 Desktop Publishing
Credit: 1 (CC, O, CP)
Students will develop skills in basic computer technology and learn design and page layout principles with a special emphasis on a variety of print publications, including newspapers, magazines, newsletters, brochures, books, posters and flyer. Each student will learn various software applications including Adobe InDesign, Microsoft Publisher, Microsoft Word, Excel, Adobe Photoshop, scanning and other desktop publishing software. Successful completion of this course will provide students with the desktop publishing skills being used by many major newspapers and other publishers, as well as advertising agencies. *(CC, O, CP)*

866 Digital Graphics and Animation
Credit: 1 (O)
Students will explore the world of digital imagery, putting their creativity and imaginations to work and translating their ideas into graphic designs and animations. Using industry-leading software tools they learn to take their ideas from visualization to design, using their computer skills to produce a wide variety of finished products. The course includes introduction to Adobe's Illustrator and Photoshop, Macromedia's Flash and AutoDesk's 3D Studio Max.

867 Multimedia
Credit: 1 (CP)
Students will learn to create artwork on PC computers using the graphic industry standard applications of Photoshop, Fireworks, Dreamweaver, and Flash. Digital cameras, graphic tablets, and scanners will be used to combine color graphic, digital photos and artwork created in traditional media. Animations will be created as QuickTime movies and animated gifs. The World Wide Web will be accessed for information on artists and digital imaging. Students will create their own web pages to display their digital artwork. The lab fee will

cover the cost of CD disks, toner cartridges, paper, mat board, and personal print portfolios.

871 Desktop Publishing – Newspaper
Credit: 1 (CC, CH, O, W)
An advanced newspaper course focusing on developing creative layouts, copy, and computer graphics through use of computer software for newspaper publishing. This hands-on course will use Adobe InDesign and Photoshop.

870 Independent Study: Technology Applications I
Prerequisites: AP Computer Science or Computer Science I or II PreAP
872 Independent Study: Technology Applications II
874 Independent Study: Technology Applications III
Credit: 1 (CP)
These project-based courses are intended to provide opportunities for students to either explore topic areas in computer science in greater depth and/or breadth than is possible in the PreAP/AP Computer Science sequence. Programming topics will center on object-oriented programming (OOP) with languages such as C++, Turbo C++, Perl, Visual Basic, Visual C++, and Professional Builder C++. Multifile programming may also be included. Other possible projects include networking, web mastering, advanced digital graphics and animation, and game design.

Military Science

880 Reserve Officers Training Corps (ROTC) I
881 Reserve Officers Training Corps (ROTC) II
882 Reserve Officers Training Corps (ROTC) III
883 Reserve Officers Training Corps (ROTC) IV
Credit: 1
This course introduces students to the U.S. Armed Forces and the rights, responsibilities, privileges, and freedoms that underlie good citizenship. It helps students develop leadership skills, communications techniques, and the ability to work with others. Cadets develop a strong sense of pride in self, associates, school and community. They will also learn drill, physical conditioning, and skills associated with the military branch in which they are enrolled.

Other

755 Certified Nurse Aide & Phlebotomy Training
Prerequisite: 18 years of age by October 15, application, passed most recent TAKS tests
Credit: 2 (CC, CH)
This preparation course is designed for entry level nursing assistants to achieve a level of knowledge, skills and abilities essential to provide basic care to residents of long-term care facilities. Topics include residents' rights, communication, safety, observation, reporting and assisting residents in maintaining basic comfort and safety. Emphasis is placed on effective interaction with members of the health care team. Some clinical time is arranged outside of the classroom hours. It is the student's responsibility to pay for the CNA certification exam, personal liability insurance and uniform.

821 Diversified Career Preparation I
822 Diversified Career Preparation II
Credit: 3 (CC, CH, O)
A cooperative education program which combines occupational related classroom instruction and on-the-job training experiences. Employers who hire students to work during each school day at wage rates equitable for beginning employees provide specific job skill training. Students also receive training on specialized equipment as needed to perform duties for some companies. The student must have and maintain a job in order to receive credit for this course.

839 Welding I
840 Welding II
Credit: 2 (CC)
Course is located at Lone Star College – Conroe Center. Students will pursue the American Welding Certification through these courses. Instruction is designed to provide job-specific training for entry-level employment in welding careers. First-year instruction includes blueprint reading, cutting and welding with oxygen and gas fuels, shielded metal arc welding, gas tungsten arc and gas metal arc welding processes. The second-year instruction enhances job-specific training for employment in welding careers.

851 Machine Shop I
852 Machine Shop II
Credit: 1
Instruction is designed to provide job-specific training for entry-level employment skills in metal machinist careers. First year instruction includes precision measuring, blueprint reading, drilling, turning, coring, milling, broaching, reaming, with instruction in numerically-controlled machining. Second year instruction enhances job-specific training in metal machinist careers. Students will pursue Machining (CNC) through the Welding course at Lone Star College – Montgomery. Students must be 16 years of age. Welding is available to Seniors with limited availability to Juniors.

885 Driver Education
Prerequisite: Students must be at least 15 years old before taking the driving section of the course and have a social security card. Fees will apply. Please note that parent-supervised driving outside of this course is required to receive the certificate of completion.
Credit: .5 (CC, CH, O)

Catalog of Courses: Junior High

7th Grade Courses

7110 7th Grade Language Arts
Credit: 1
In 7th grade, students refine and master previously learned knowledge and skills that make up the basic foundation blocks of language arts. Emphasis is placed on developing literary, composition, grammar, vocabulary and spoken skills. Students continue to read widely in classic, contemporary and informational text selections and to use different forms of writing with a strong emphasis on conventions and style on a regular basis. This course will strengthen knowledge and increase the academic challenge of all students.

7120 7th Grade Language Arts PreAP
Credit: 1
PreAP language arts in 7th grade covers more elaborate complex and in-depth studies of literature, composition, grammar and vocabulary in addition to the state standards as outlined in the TEKS objectives required of all students. It is also at a higher level of difficulty than that in grade-level classes. This course begins the foundation of vertically aligned skills and strategies needed for success in AP English courses.

7201 7th Grade Math
Credit: 1
The primary focal points at grade 7 are using proportional relationships in numbers, geometry, measurement, and probability; applying addition, subtraction, multiplication, and division of decimals, fractions, and integers; and using statistical measures to describe data. Students will learn the necessary skills to critically think at a higher-level and to meet the state standards as outlined in the TEKS/TAKS objectives.

7205 7th Grade PreAlgebra PreAP
Credit: 1
The course builds a foundation of basic understandings in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; measurement; and probability and statistics. The course content will include complex, and in-depth study of major ideas, problems, and themes in order to extend and deepen comprehension.

7300 7th Grade Science
Credit: 1
Science for grade 7 is an integration of life, earth and physical sciences but will focus more strongly on life science. Students will conduct investigations to learn about the natural world through questioning, observing, and drawing conclusions.

7303 7th Grade Science PreAP
Credit: 1
PreAP grade 7 Science begins the foundation of vertically aligned skills and strategies for success in AP courses in science. The course follows a similar curriculum with greater depth and complexity. Students are required to complete a long-term project typically requiring additional time outside of school.

7400 7th Grade Texas History
Credit: 1
Students explore eras of Texas history from the cultures of Native Americans to the modern day urban society. The structure and function of governments as well as the rights and responsibilities of Texas citizens help students to understand the importance of patriotism and appreciate the basic democratic values of our state and nation.

7403 7th Grade Texas History PreAP
Credit: 1
Pre-AP Texas history begins the foundation of vertically aligned skills and strategies for success in AP courses in the social studies. The course centers on the process of learning factual information, developing analytical skills, and writing clearly.

7500/7503/7504 Physical Education
Credit: 1
Students will participate in activities to increase their cardiovascular endurance and flexibility. They will earn aspects of different team and individual sports. The goal is to improve a student's physical and social skill level and to provide students with a positive experience to prepare them for team sports as well as a lifetime of exercise.

7509/7510 Girls' Athletics/Boys' Athletics
Credit: 1
Students who sign up for athletics are making the commitment to remain in that program for the entire year. Each athlete will be responsible for providing transportation to and from practices as well as transportation home after games. Please read the athletic information prior to participation and talk with a coach if you have any questions. Students who try out for a sport but are not selected will remain in the course to build physical skills for a subsequent year tryout.

7505/7525 Drill Team/Dance
Credit: 1 (I,K,Mc,P,W,Y)
Tryouts for drill team will be before the end of the current school year. Students chosen for the team will automatically be enrolled in this class. Students will master movement principles and skills, self-discipline and healthy bodies. Attendance and practice requirements, performances, membership, and cost requirements will be discussed before tryouts.

7514 Private PE
Credit: 1
This course is for students who participate in a minimum of fifteen hours per week in highly intensive, professional, supervised training in an approved sport outside the school day. In order to be enrolled in this class, students must process the required paperwork to receive district approval.

7516 Soccer
Credit: 1
This course will focus on the fundamentals of soccer as well as allowing the students to practice their newly acquired skills.

7526 Cross Country
Credit: 1 (I,K,McC,P,W,Y)
Cross Country is for anyone interested in running. Daily workouts consist of running two to five miles depending on physical conditioning and workout schedule. Cross Country meets involve running a two mile race where most courses go through parks, trails, and other types of terrain.

8th Grade Courses

8110 8th Grade Language Arts
Credit: 1
Students will continue to refine and master previously learned knowledge and skills that make up the basic foundation blocks of language arts emphasized by literary, composition, grammar, vocabulary, and spoken skills. 8th grade students will read widely in classic, contemporary, and informational texts. They will also produce multi-paragraph compositions with a strong emphasis on varied sentence structure and other conventions of written language. This course will strengthen knowledge and increase the academic challenge of all students.

8120 8th Grade Language Arts PreAP
Credit: 1
The Pre AP course in 8th grade meets the standards and expectations as outlined in the TEKS objectives and will continue developing deeper skills needed to be successful on more elaborate, complex, and in-depth studies of literature, compositions, grammar and vocabulary. This course will continue building the foundation of vertically aligned skills and strategies needed for success in AP English courses.

8205 8th Grade PreAlgebra
Credit: 1
The course builds a foundation of basic understandings in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; measurement; and probability and statistics. Students will learn the necessary skills to critically think at a higher-level and to meet the state standards as outlined in the TEK/TAKS objectives.

8300 8th Grade Science
Credit: 1
Science for grade 8 is an integration of life, earth and physical sciences but will focus more strongly on earth science. Students will conduct investigations to learn about the natural world through questioning, observing, and drawing conclusions.

8303 8th Grade Science PreAP
Credit: 1
PreAP grade 8 Science continues to develop skill for success in AP courses in science. The course follows a similar curriculum with greater depth and complexity. Students are required to complete a long-term project typically requiring additional time outside of school.

8400 8th Grade US History
Credit: 1
Students study the history of the United States from colonial times through Reconstruction. The course focuses on the political, economic, and social events and issues related to the eras. The class incorporates a wide variety of primary sources and biographical information to develop an understanding of the past.

8403 8th Grade US History PreAP
Credit: 1
Pre-AP US history builds on the foundation of vertically aligned skills and strategies for success in AP courses in the social studies. The course centers on the process of learning factual information, developing analytical skills, and writing clearly.

8500/8503/8504 Physical Education
Credit: 1
Students will participate in activities to increase their cardiovascular endurance and flexibility. They will earn aspects of different team and individual sports. The goal is to improve a student's physical and social skill level and to provide students with a positive experience to prepare them for team sports as well as a lifetime of exercise.

8505/8525 Drill Team/Dance
Credit: 1 (I,K,Mc,P,W,Y)
Tryouts for drill team will be before the end of the current school year. Students chosen for the team will automatically be enrolled in this class. Students will master movement principles and skills, self-discipline and healthy bodies. Attendance and practice requirements, performances, membership, and cost requirements will be discussed before tryouts.

8509/8510 Girls' Athletics/Boys' Athletics
Credit: 1
Students who sign up for athletics are making the commitment to remain in that program for the entire year. Each athlete will be responsible for providing transportation to and from practices as well as transportation home after games. Please read the athletic information prior to participation and talk with a coach if you have any questions.

8514 Private PE
Credit: 1
This course is for students who participate in a minimum of fifteen hours per week in highly intensive, professional, supervised training in an approved sport outside the school day. In order to be enrolled in this class, students must process the required paperwork to receive district approval. See the counselor for additional information.

8516 Soccer
Credit: 1
This course will focus on the fundamentals of soccer as well as allowing the students to practice their newly acquired skills.

8526 Cross Country
Credit: 1 (I,K,Mc,P,W,Y)
Cross Country is for anyone interested in running. Daily workouts consist of running two to five miles depending on physical conditioning and workout schedule. Cross Country meets involve running a two mile race where most courses go through parks, trails, and other types of terrain.

Electives

Courses are offered at all schools unless otherwise noted.
I *= Irons Junior High*
K *= Knox Junior High*
Mc *= McCullough Junior High*
M*= Moorhead Junior High*
P *= Peet Junior High*
W *= Washington Junior High*
Y *= York Junior High*

9700/9800 Music Appreciation
Credit: .5 (I, K, M, P, W, Y
Music Appreciation is for students who are interested in music but do not want to be part of a performing group. It includes the study of all phases of music, including history, theory, vocal, and instrumental music. Other topics include popular music, music for the stage and screen, music technology, music and careers.

9705/9805 Beginner Band
Credit: 1
This class is for new instrumental musicians. Selection of instruments is made upon the recommendation of the

band director. Students will be required to purchase various instrument supplies and rent/purchase their chosen instrument. Students who choose band as an elective are making a commitment to remain in the program for the entire year. A fee will be charged if a student is using a school-owned instrument**.**

Band
Credit: 1
Students develop musical ability by participating in large and small ensembles and solo performances. Students will be expected to attend various rehearsals and performances outside the regular school day. Students are placed in appropriate band classes commensurate with their skill levels following a competitive audition. Students who choose band as an elective are making a commitment to remain in the program for the entire year. A fee will be charged if a student is using a school-owned instrument**.**

Choir
Credit: 1
Students participate through group and solo activities that allow them to develop vocal and choral techniques that include reading, listening and appreciation. Students will be expected to attend various rehearsals and performances outside the regular school day. Students are placed in appropriate choir classes commensurate with their skill levels following a competitive audition. Students who choose choir as an elective are making a commitment to remain in the program for the entire year.

9717/9817 Beginner Orchestra
Credit: 1
Beginner Orchestra is for new string musicians (violin, viola, cello and string bass only). Instrument selection is made with the recommendation of the orchestra director. Students will be required to purchase various instrument supplies and rent/purchase their chosen instrument. Students who choose orchestra as an elective are making a commitment to remain in the program for the entire year. A fee will be charged if a student is using a school-owned instrument**.**

Orchestra
Credit: 1
Students continue to develop their appreciation and understanding as musicians through performance in large and small groups and solos. Students will be expected to attend various rehearsals and performances outside the regular school day. Students are placed in appropriate orchestra classes commensurate with their skill levels following a competitive audition. Students who choose orchestra as an elective are making a commitment to remain in the program for the entire year. A fee will be charged if a student is using a school-owned instrument**.**

9714/9814 Cheerleading
Credit: 1 (I, K, Mc, P, Y)
This course provides a specific knowledge and experience of cheerleading skills, with emphasis on motion sharpness and placement, tumbling skills, stunts, dance, teamwork, spirit, and enthusiasm at an elite level. Participation is expected outside of the school day and is part of the grade in cheerleading. Cheerleaders may perform at junior high football games, volleyball games, basketball games, pep rallies, parades, select high school football and basketball games, and competitions. Enrollment is limited to those students who are selected to the Cheerleading squad. Tryouts are held during the spring semester for the following school year.

9715/9815 Science Investigations
Credit: .5 (M)
In this course, students will use critical thinking and scientific problem solving skills to explore a variety of science topics, such as forensics and human diseases. Students will also use computers and information technology tools to perform and support scientific investigations.

9740/9840 Theater Arts I
Credit: .5
Students will learn expressive techniques, acting concepts, theater production concepts and appreciation of theatrical events. They will learn mime, improvisation, basic combat techniques, and character development. In class, students will explore script writing and will participate in storytelling, puppetry, Reader's Theater, and play production.

9741/9841 Theater Arts II
Prerequisite: Theater Arts I
Credit: .5 (I,K,Mc,P,W,Y)
Students extend and continue activities and objectives of Theater Arts I. They will increase their experiences inexpressive techniques, acting concepts, theater production concepts and appreciation of theatrical events. Students will participate in a variety of activities including Reader's Theater, single and ensemble acting, improvisation, script writing, and all aspects of play production.

9742/9842 Theater Troupe
Credit: .5 (M,P)
Students will develop and experience a working knowledge of play production through various performance opportunities. Students will be expected to attend rehearsals and performances outside the regular school day. Students who choose Theater Troupe as an elective are making a commitment to remain in the program for the entire year.

9743/9843 Art I
Credit: .5
Through a variety of two and three-dimensional mediums, students build a strong foundation in the elements and principals of art. The curriculum allows each student to build on previous art experiences and prepares them for more advanced levels of art. Students will be exposed to and encouraged to develop an art portfolio.

9744/9844 Art II
Prerequisite: Art I
Credit: .5
Students create art with emphasis on art history: prehistoric to modern. A portfolio will be developed and maintained.

9751/9851 Exploring Languages
Credit: .5 (I, Mc, P, W, Y)
The student will explore and experience the linguistic skills of Spanish, German, and French through listening, speaking, reading and writing. They will gain skills in studying a language and learn about the cultures associated with these three languages. This course does not count toward high school graduation requirements.

9752/9852 Communications
Credit: .5 (P, W)
In this course students will learn to develop self-confidence and poise in the communication process. Students will plan, prepare, and present three formal speeches; the informative, the social ritual, and persuasive. In addition, nonverbal and interpersonal communication, persuasion, and group communication will be covered. Students will learn the importance of effective speaking and listening skills by practicing communication skills in a variety of situations.

9853 Debate
Credit: .5 (K)
In this course students will learn to plan, prepare, research, analyze and develop speaking skills. All students will participate in several individual speaking categories: impromptu speaking, extemporaneous speaking, oratory, and oral interpretation. Students will be expected to attend area debate competitions outside the regular school day.

9754/9854 Career Portals: Technology I
Credit: .5
This course investigates the tools, materials, and processes utilized in today's technical career fields. An emphasis on math, science and reading, to explore valid, current educational and career opportunities will drive this program. Students will fully engage each technology related career topic by experiencing activities and projects that relate to each topic. Whether it is programming a robot, building a rocket, or filming a news brief student's gain current knowledge in a practical instructional format. Students will incorporate decision-making tools and problem-solving skills for college and career planning. This course builds upon skills from academic subjects, information technology, and interpersonal communication to give each student a solid foundation to make personal career choices.

9755/9855 Career Portals: Technology II
Credit: .5 (Mc,W)

9757/9857 Health
Credit: .5 (P, W)
This course helps students acquire the information necessary to become healthy adults and learn behaviors in which they should or should not participate. Students use problem solving, research and goal setting to gain knowledge and skills useful in making decisions in the areas of nutrition, CPR and First Aid, maturity, diseases (including STDs) and drug use. *This course is not for High School credit.*

9758/9858 Career Portals: Human Services
Credit: .5
The goal of this course is to create a culture of high expectation and continuous improvement that provides middle school students with the fundamental life skills required for personal life management. The principal life skills obtained from this course will include money management, career development, food and nutrition, child development, and parenting skills.

9760/9860 Career Portals: Computer Skills
Credit: .5 (M, W)
The goal of this course is to build the fundamental keyboarding skills that each student will need to be successful in their pursuit of their career choices. Students will experience the skills necessary to address technical applications of emerging technology careers. Student reading, writing, computing, and communication skills will be enhanced as technology applications are explored. Keyboard specifics will be reinforced through practical application along with proper care and maintenance of the computer.

9761/9861 Career Portals: Computer Applications
Credit: .5 (K, I, Mc, P, W, Y)
The goal of this course is to familiarize students with the fundamental computer applications required in today's job market and how those applications can be applied to their personal career choice. Students will learn computer aptitudes and applications that will help them as they progress through high school, college, and career. Topics covered will include multimedia, word processing, spreadsheets, data bases and presentation programs. In addition, students will learn the basics of the internet including: web safety; web based research, web protocol, and other fundamentals of electronic communication.

9762 Yearbook I
Credit: .5-1 (K,I, M, P, W, Y)
This basic course is required for all students interested in being a member of the yearbook staff. The course offers the student training in the production of the school yearbook. Students develop abilities in gathering information, writing copy and captions, understanding components of quality photography, copy editing skills, and techniques of headlines.

9862 Yearbook II
Prerequisite: Yearbook I
Credit: .5 -1 (K,I, M, P, W, Y)
This course is for the yearbook staff members. Second year yearbook students continue to develop their journalism skills from Yearbook I. Students further develop their skills and knowledge in the use of publishing software. Students are encouraged to fill an editor's position and take a leadership role in the publication staff. Students will plan a yearbook ladder, complete various spreads and assignments, copy, edit, and complete a portfolio of work.

9763/9863 Teen Leadership
Credit: .5
This course develops business, professional, and leadership skills. Students learn the importance of principle-centered living, how to handle peer pressure, communicating effectively, building meaningful relationships, making responsible decisions and the importance of goals.

9865 TV Broadcasting
Credit: 1 (K,M, P, W)
Students will learn the fundamentals of news broadcasting including the technical and journalistic sides of the profession. This course is for the student who wants a real life experience in the world of TV broadcasting.

9866 Teen Leadership II
Prerequisite: Teen Leadership
Credit: .5 (I, Y)
Teen Leadership II is a continuation of the skills learned in Teen Leadership I. Further emphasis is placed on public speaking skills, personal responsibility, and relationships with peers and family. Students will also develop their own personal mission statement.

9767/9867 Exploring Career Connections
Credit: .5
The primary goal of this course is to introduce students to life and workplace skills by identifying individual values, aptitudes, interests, talents, and current occupational abilities. This course will also help prepare students for high school and college by examining their personality temperaments for potential future career choices. Students will set up their own personal career plan and create a guideline for their life. Various occupations will be explored based on computer research and other resources.

9871 Peer Tutor
Credit: .5 (K, M, P)
The student will work with a teacher to provide extra help for students who

may be having difficulty. Students are placed in this class based on teacher request, grades, and counselor approval.

9785/9885 Study Skills
Credit: .5 (I, M,Y)
This course will focus on time management skills, basic study skills, goal setting, and organization.

9792/9892 Wildlife Management
Credit: .5 (M, P)
This course is designed to offer students information about wildlife management and an introduction to agriculture science.

9797/9897 Office Aide
Credit: .5
Students will assist the various offices and library staff in daily paperwork, running errands, and basic office duties.

9796/9896 STAAR Support Class: Math Enrichment
Credit: 1 (K,I,M, Mc,P, Y)
All 7th and 8th grade students' TAKS scores will be evaluated over the summer. Any student who scores below 75% on TAKS may be required to take a TAKS enrichment class in addition to the core math class. Several factors will be examined to determine if the student needs the remediation. These classes are designed to assist the students in areas of weakness as well as teach them good test taking and study skills. Students may be assigned to a TAKS class during the year based on classroom performance and benchmark scores.

9770/9870 STAAR Support Class: Reading Enrichment
Credit: 1
All 7th and 8th grade students' TAKS scores will be evaluated over the summer. Any student who scores below 75% on TAKS may be required to take a TAKS enrichment class in addition to the core language arts class. Reading Enrichment is a student-centered, individualized reading and literacy development program designed to develop "lifetime readers." Students are introduced to the magic of reading through the use of various reading topics encompassing hundreds of books, authors, and genres. Students select books based on personal interests and abilities. Grading is based exclusively on in-class activities.

9794/9894 STAAR Support Class: Science Enrichment
Credit: 1
All 7th and 8th grade students' TAKS scores will be evaluated over the summer. Any student who scores below 75% on TAKS Science (grade 5) and TAKS Math (grade 7) may be required to take a TAKS enrichment class in addition to the core science class. Science Enrichment is a student-centered, lab-based course that focuses on skills, vocabulary, and concepts students need in order to be successful on the 8th grade Science TAKS test.

Junior High Courses for High School Credit

Offered at all schools

J080H Health
Credit: .5
This course helps students acquire the information necessary to become healthy adults and learn behaviors in which they should or should not participate. Students use problem solving, research and goal setting to gain knowledge and skills useful in making decisions in the areas of nutrition, CPR and First Aid, maturity, diseases (including STDs) and drug use.

J162 7th or 8th Grade Algebra
Credit: 1
The course builds on the basic foundation of concepts presented in K-8 Mathematics, use symbols to study relationships among quantities, functions to represent and model problem situations, and analyze and interpret relationships. Students will work in many situations to set up equations, use a variety of methods to solve meaningful problems and will continually use problem solving, computation in problem-solving contexts, language and communication. Connections will be made within and outside of mathematics, and reasoning, as well as multiple representations, applications, modeling, justification and proof.

J164 Geometry PreAP
Prerequisite: Algebra I
Credit: 1
The course builds on the basic foundation of concepts presented in K-8 Mathematics and Algebra I, students use geometric thinking to understand mathematical concepts and relationships among them, study properties and relationships having to do with size, shape, location, direction, and orientation of one, two, and three-dimensional figures. Students will perceive the connection between geometry and the real and mathematical worlds and use geometrical ideas, relationships, and properties to solve problems. Students will use a variety of representations (concrete, pictorial, algebraic, and coordinate), tools, and technology to solve meaningful problems by representing figures, transforming figures, analyzing relationships among figures, and proving concepts related to figures.

J260H Communication Applications
Credit: .5
Students will learn communication theory and have the opportunity to develop practical skills for both professional and social communication.

J3001 Spanish I
Credit: 1
This course offers basic understanding of the Spanish language and exposure to the culture of the Spanish-speaking world. Introduction to basic vocabulary and grammar will enable students to learn to discuss everyday topics such as family, school, numbers, time, weather, and clothing. Oral and written practice is stressed. Because of the grammar requirements, a strong basis in language arts is required. Successful completion of this course earns the student one LOTE high school credit.

J3111 Spanish II Native Speakers
Credit: 1
Successful completion of Spanish II NS will result in retroactive Spanish I credit.
This course offers advanced understanding of the Spanish language and exposure to the culture of the Spanish-speaking world. The basic skills of reading, writing, speaking, listening, and understanding the cultures are continued. This course emphasizes grammatical concepts. Oral and written practices are stressed.