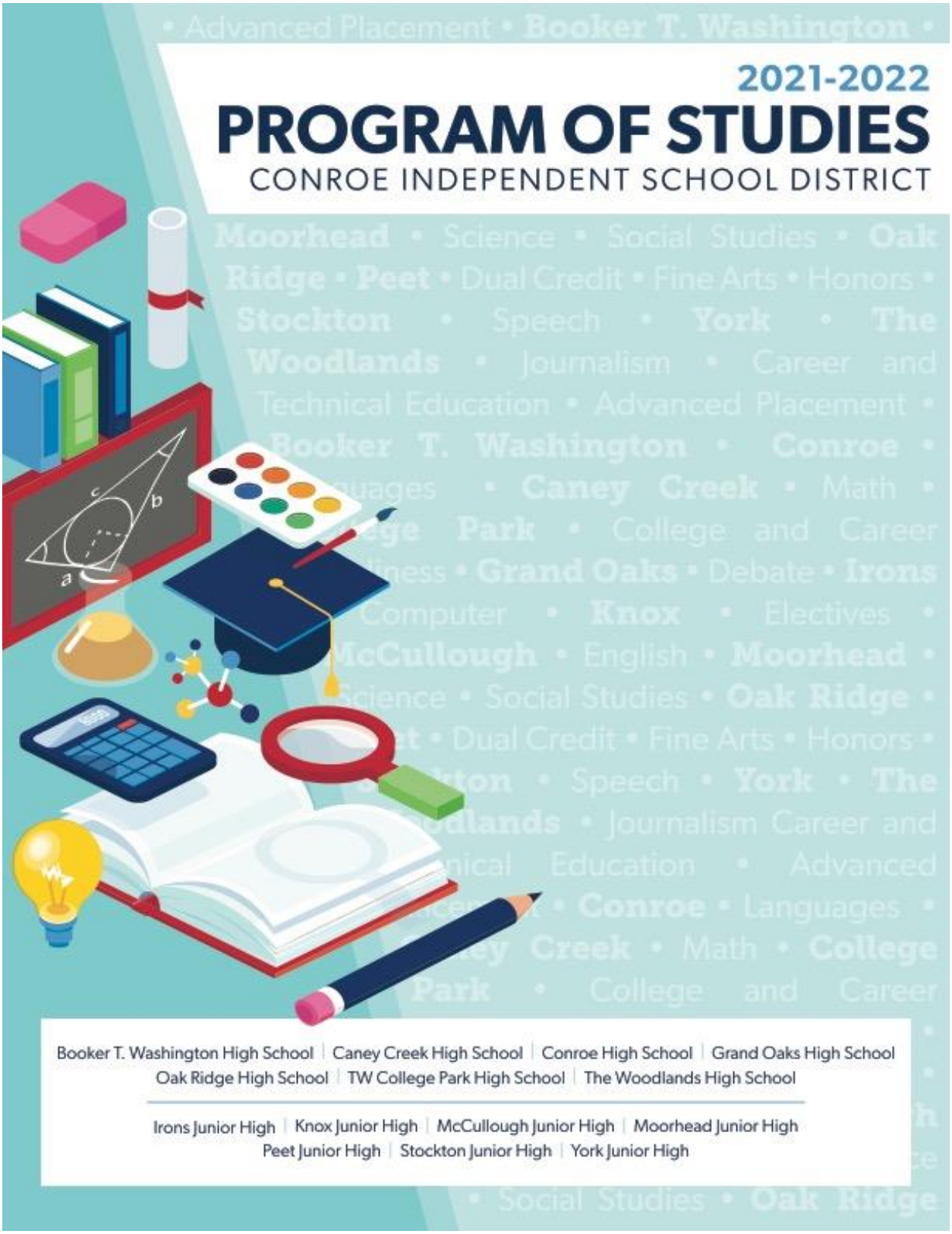
2021-2022
PROGRAM OF STUDIES
CONROE INDEPENDENT SCHOOL DISTRICT
Booker T. Washington High School | Caney Creek High School | Conroe High School | Grand Oaks High School
Oak Ridge High School | TW College Park High School | The Woodlands High School
Irons Junior High | Knox Junior High | McCullough Junior High | Moorhead Junior High
Peet Junior High | Stockton Junior High | York Junior High

Senior High Schools	Junior High Schools
Booker T. Washington High School 936-709-3420 Dr. John Williams, Principal	**Irons Junior High** 936-709-8500 Robert McFarlane, Principal
Caney Creek High School 936-709-2000 Dr. Jeffrey Stichler, Principal	**Knox Junior High** 832-592-8400 Joe Daw, Principal
Conroe High School 936-709-5700 Dr. Rotasha Smith, Principal	**McCullough Junior High** 832-592-5100 Jill Houser, Principal
Conroe High School - *9th Grade Campus* 936-709-4000 James Bush, Principal	**Moorhead Junior High** 936-709-2400 Robert Garcia, Principal
Grand Oaks High School 281-939-0000 Dr. Chris Povich, Principal	**Peet Junior High** 936-709-3700 Christopher Kuempel, Principal
Oak Ridge High School 832-592-5300 Dr. A.J. Livecchi, Principal	**Stockton Junior High** 936-709-4500 Bryan Gorka, Principal
Oak Ridge High School – *9th Grade Campus* 281-465-5000 Melony Bujnoch, Principal	**York Junior High** 832-592-8600 Brian Lee, Principal
The Woodlands College Park High School 936-709-3000 Dr. Mark Murrell, Principal	
The Woodlands High School 936-709-1200 Dr. Ted Landry, Principal	
The Woodlands High School – *9th Grade Campus* 832-592-8200 Deborah Shepard, Principal	
Academy for Careers in Engineering and Science Dr. Michael Papadimitriou 832-482-6700	
Academy of Science & Health Professions 936-709-5731 Dr. Terri Benson, Headmaster	
Academy of Science & Technology 936-709-3250 Dr. Susan Caffery, Headmaster	

The Conroe Independent School District (District) as an equal opportunity educational provider and employer does not discriminate on the basis of race, color, national origin, sex, religion, age, or disability in educational programs or activities that it operates or in employment matters. The District is required by Title VI and Title VII of the Civil Rights Act of 1964, as amended, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, as amended, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, as well as Board policy not to discriminate in such a manner.

For information about **Title IX rights or Section 504/ADA rights**, contact the Title IX Coordinator or the Section 504/ADA coordinator at 3205 W. Davis, Conroe, Texas 77304; (936) 709-7752.

1/25/21

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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 2020-21 is a member of **Cohort 2024**.

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. Students will create their four-year plan with a counselor. Four-year course planning begins in 8th grade. Each year you will re-address and edit your plan as you continue to explore your interests and consider post-secondary options. Four-year plans are fluid and adjusted yearly based upon courses selected and completed each year. 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.
- Create a high school four-year plan.
- 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.
- Learn more about careers, majors, and colleges in Naviance.

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 in Naviance.
- 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 levels in which core courses are offered.
- 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

Foundation High School Program with Endorsements

College Admission – High School Graduation Requirements

To be eligible for automatic admission to a Texas Public 4-year College, students must:

- Complete the Foundation High School Program (FHSP)
- Complete at least one endorsement
- Complete Algebra II

NOTE: State law allows the University of Texas at Austin to adjust its top 10% admissions at 75% of the freshman class. UT admissions will release auto admission percentages in the fall. (See your counselor for details.)

Any student who completes the Foundation High School Program with endorsements, is eligible to apply to any Texas 4-year college. Students must all meet the college's entrance requirements, and meet all deadlines.

The Foundation High School Plan with Endorsements

The Foundation High School with Endorsements is the default graduation plan for CISD students. It is designed to give students more flexibility in scheduling classes. The plan includes 4 credits in each of the core subjects,
2 credits in Foreign Language, 1 credit each in PE and in Fine Arts, plus ½ credit of health. The remaining 5 ½ credits will combine to complete an endorsement.

Endorsements

Endorsements may be chosen in the following areas:

- STEM
- Business and Industry
- Public Service
- Arts and Humanities
- Multidisciplinary Studies

Students will be completing four-year plans with their counselors to include one or more endorsements. **Note:** Due to availability of courses, endorsements may have to be adjusted.

Distinguished Level of Achievement

To earn the distinguished level of achievement, students must complete:

- The Foundation High School Program
- An Endorsement
- Algebra II

Students completing the distinguished level are eligible for college admissions under the top 10% automatic admissions provision.

Conroe ISD Foundation Program

To better prepare graduates for post high school options, all students are expected to complete the Foundation High School Program with Endorsements. However, in rare situations, a student may be able to graduate under the Conroe ISD Foundation Program. Because this 24 credit program is less rigorous than the 26 credit program with an endorsement, this option may not be selected until after completing the tenth grade and requires parent permission. Please contact your counselor for more information.

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 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 foundation high school program.

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 for the Foundation High School Plan with endorsement.

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

Foundation High School Program with Endorsements (FHSP)

English……..4 Credits
English I, II, III, IV, English I for Speakers of other languages may be substituted for English I and II only *for immigrant students with limited English proficiency, Concurrent enrollment in a specified college English course, AP English Literature and Composition, AP English Language.*

Mathematics……4 Credits
Algebra I, Geometry, 2 Advanced Math Courses
See list of approved math courses.

Science……..4 Credits
Biology, Chemistry,
Physics or Principles of Technology,
And 1 Advanced Science Course.
See list of approved science courses.

Social Studies……4 Credits
World Geography or AP Human 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
Principles of Health Science

P.E. or P. E. Substitute*……..1 Credit (Max of 4 credits)
Can substitute Marching Band, Drill Team, Cheerleading, JROTC, Athletics, or approved off-campus physical activity program.
* **Please check with counselor about Private PE approval procedures.**

Fine Arts……..1 Credit
Levels I-IV: Art, Dance, Music, Theater, OR Floral Design

Electives……5.5 Credits
To include the student's chosen endorsement.
See list of Endorsements.

FHSP with Endorsement
(26 Credits)

Endorsement Plan Advanced Math Course Options:
Algebra II
Independent Study in Mathematics (Ex. College Algebra)
Pre-Calculus
AP Calculus AB or BC
AP Computer Science A
AP Statistics
Advanced Quantitative Reasoning
College Prep Math
Multi Variable Calculus

Endorsement Plan Advanced Science Course Options:
Advanced Animal Science
Anatomy and Physiology
AP Biology
AP Chemistry
AP Environmental Science
AP Physics 2
AP Physics C
Aquatic Science
Astronomy
Earth and Space Science
Environmental Systems
Forensic Science
Medical Microbiology
Pathophysiology
Scientific Research and Design
Engineering Design & Problem Solving

For students to earn the Distinguished level of achievement (and be eligible for automatic college admissions under the top 10% rule), the student must complete:

- **The Foundation High School Plan**
- **An Endorsement**
- **Algebra II**

Conroe ISD Foundation Program

English……..4 Credits
English I, II, III, IV, English I for Speakers of other languages may be substituted for English I and II only *for immigrant students with limited English proficiency, Concurrent enrollment in a specified college English course, AP English Literature and Composition, AP English Language.*

Mathematics……3 Credits
Algebra I, Geometry, Advanced Math Course chosen from: Mathematical Models, Algebra II, Robotics II

Science……..3 Credits
Biology, Chemistry, Physics or Principles of Technology Or Biology, IPC, and Chemistry or Physics or Principles of Technology or 1 Advanced Science Course

Social Studies……4 Credits
World Geography or AP Human Geography, World History, US History, US Government, Economics with emphasis on the Free Enterprise System

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

P.E. or P. E. Substitute*……..1 Credit (Max of 4 credits)
Foundations of Personal Fitness, Aerobic Activities, Adventure / Outdoor Education, Team or Individual Sports, Athletics, JROTC, Private PE*, Drill Team, Marching Band, Cheerleading.
* **Please check with counselor about Private PE approval procedures.**

Health……..½ Credit

Fine Arts……..1 Credit
Art, Dance, Music (band, choir, orchestra, music theory), Theater, or Floral Design

Electives……5.5 Credits

CISD Foundation Program (24 Credits)

Endorsements

All endorsement plans require the 4th math and 4th science.
Campus offerings vary in electives for each endorsement, so please check with your counselor for what is available on your campus.

Science, Technology, Engineering & Math (STEM)

Requires Algebra II, Biology, Chemistry, Physics or Principles of Technology AND:

- Coherent sequence of 4 credits in CTE STEM courses, OR
- Coherent sequence of four courses in computer science, OR
- Three credits in mathematics (Algebra II + two for which Algebra II is the prerequisite, OR
- Five courses in science (two in addition to Physics, Biology, and Chemistry, OR
- In addition to Algebra II, Biology, Chemistry and Physics, three credits from no more than two of the above categories.

Business and Industry

Coherent sequence of four English elective courses to include three levels of one of:

- Advanced Broadcast Journalism
- Advanced Journalism: Newspaper
- Public Speaking
- Advanced Journalism: Yearbook, Debate, OR

Coherent sequence of four credits from these CTE course clusters (including two in one cluster and one advanced course):

- Agriculture food and natural resources
- Architecture and construction
- Arts/Audio-Visual technology, and communications
- Business management and administration
- Finance
- Hospitality and tourism
- Information Technology
- Manufacturing
- Marketing
- Transportation, Distribution and Logistics, OR

Four Technology Applications credits, OR

Four credits of any of the above in a coherent sequence that is documented in the student's 4-year plan.

Public Services

Coherent sequence of 4 or more credits in CTE courses (2 in same cluster, one advanced) to include:

- Education and training, OR
- Government and Public Administration, OR
- Human services, OR
- Health science, OR
- Law, Public safety, corrections and securities, OR
- Four courses in Junior Reserve Officer Training Corps (JROTC)

Arts and Humanities

- Five social studies credits, OR
- Four levels of the same language other than English (LOTE), OR
- Two levels of the same LOTE and two more levels of a different LOTE, OR
- Coherent sequence of 4 credits in one or two categories or disciplines of Fine Arts (Art, Dance, Theater Arts, Band, Choir, Orchestra)

Multidisciplinary studies

- Four advanced courses that prepare a student to enter the Workforce successfully, or post-secondary education without remediation (no coherent sequence required), OR
- Four credits in each of the four Foundation subject areas to include English IV and Chemistry and/or Physics, OR
- Four AP, IB or dual credit courses selected from English, math, science, social studies, economics, LOTE or fine arts.

Courses of Study

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. No student will be allowed to take a course in which he/she has not completed all of the prerequisite course(s).

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 should consider Honors, Dual Credit 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.

Levels of Courses of Study

The District's high schools offer Level Courses, 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.

Honors Courses

Honors classes include the curriculum of the level classes, but with a more in-depth study of the areas within the course. The Honors curriculum is designed to prepare students for Advanced Placement, Dual Credit or for the next Honors course in that subject area. Students who are successful in Honors classes should consider taking Advanced Placement or Dual Credit courses. Honors courses are accelerated courses with enriched content. Honors 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 courses.

Advanced Placement

This program gives students the opportunity to pursue college-level studies while still in high school and, the opportunity to receive college credit. All AP courses in CISD have received College Board authorization, and each course syllabus is available for review on the College Board web page. For more information, refer to www.collegeboard.com.

Students are expected to take the College Board Advanced Placement Tests in May. 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. Registration and payment occurs in the fall. 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. 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).

Campus Commitment

The campus commits to advanced academics by communicating the value of advanced coursework, recruiting students with potential for success, encouraging student commitment, and supporting advanced academic instruction.

Student Commitment

The student commits to advanced academics by recognizing the long term benefits of participation and seeking assistance when needed. As a student enrolled in an advanced academic course:

- I understand that advanced courses may seem challenging at first and initial grades may not reflect later grades in the course.
- In the event that I encounter difficulties with the course content, I will conference with my teacher about my progress and attend recommended tutorials.
- I understand that successful completion of an advanced academic course may yield college credit.
- I understand that participation in advanced coursework prepares me well for college and post-secondary success, increases my chances of completing a college degree, and earning a higher college GPA.
- I will maintain academic integrity and honesty in my advanced academic courses.

Parent Commitment

The parent commits to advanced academics by supporting student learning in the advanced academic course; by supporting teacher efforts to provide rigorous, quality instruction; and by valuing the learning that occurs in the advanced course. As a parent of a student enrolled in and advanced academic course:

- I will encourage my child to be prepared for class each day.
- I understand that advanced courses may seem challenging at first and initial grades may not reflect later grades in the course.
- If my child encounters difficulties with the course content, I will expect my child to conference with the teacher and attend recommended tutorials.
- I will communicate with the teacher of any concerns I have related to the advanced academic class and create an action plan.

Teacher Commitment

The teacher commits to advanced academics by encouraging student participation and success, planning for student learning, providing rigorous, quality instruction, and offering assistance for struggling students. As a teacher of an advanced academic course:

- I will teach the course following the curriculum developed by Conroe ISD and as authorized by College Board (AP courses) and/or the local community college.
- I will provide instruction that prepares students for the next level advanced academic course.
- I will provide quality instruction at an advanced level and give ample opportunities for students to be successful.
- I will assign work that is meaningful and relevant to the required learning goals.
- I know that students are enrolled in many other courses and that workload for this course must not be unreasonably time consuming.
- I will provide appropriate tutorial opportunities for students who have difficulty with course content.

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. Advanced Placement courses will require additional time commensurate with that expected of a college-level course. **Students are urged to consider how much time they will need to prepare for the Advanced courses, other courses, and extracurricular activities prior to selecting courses.** 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.

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 high school and college deadlines for submitting all required forms and payments.

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. 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. Students earning a dual credit grade below C will no longer be eligible to continue in the dual credit program. All dual credit courses **do** count for UIL eligibility purposes (no pass, no play) whether they are taken on or off campus.

Students may also take dual credit courses taught at the College Campus. 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. 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 questions to the high school counselor**.**

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

Dual Credit Grade Points

Students taking dual credit courses will receive grade points according to the following:

1. Course taught off of the high school campus receives level grade points 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.
3. All other courses will be awarded level grade points.

CISD Approved Dual Credit Courses with Lone Star College – Offered on CISD High School Campuses

(Courses Vary Per Campus – Please Check Availability)

CISD Course #	CISD Course Title	CISD Credits	LSC Course #	LSC Course Title	LSC Credits
021UA/UB	Chemistry	0.5	CHEM 1411 / CHEM 1412	Chemistry I	4 - 4
K3691UB	Anatomy and Physiology I	0.5	BIOL 2401	Human Anatomy & Physiology I	3
K3701UB	Anatomy and Physiology II	0.5	BIOL 2402	Human Anatomy and Physiology II	3
1131U	US History	1	HIST 1301 / HIST 1302	United States History I United States History II	3 - 3
118UH	Government	0.5	GOVT 2305	Government	3
120UH	Economics	0.5	ECON 2301	Macroeconomics	3
134UH	Psychology	0.5	PSYC 2301	General Psychology	3
136UH	Sociology	0.5	SOCI 1301	Principles of Sociology	3
190UB	Independent Study: College Algebra	0.5	MATH 1314	College Algebra	3
1701U	Pre-calculus	1	MATH 1316/MATH 2412	Trigonometry / Pre-calculus	3 – 3
188UB	Statistics	0.5	Math 1342	Statistics	3
1971*	Math College Prep	1	MATH 0308/MATH 0310	Foundations of Mathematical Reasoning / Intermediate Algebra	*TSI Waiver
2161U	English III	1	ENGL 1301/ENGL 1302	Composition & Rhetoric I / Composition and Rhetoric II	3 – 3
2211U	English IV	1	ENGL 1301/ENGL 1302	Composition & Rhetoric I / Composition and Rhetoric II	3 – 3
2171U	English IV	1	ENGL 2332/ENGL 2333	Survey of World Literature (Ancient to Mid-17th Century)	3 – 3
2111*	English College Prep	1	ENGL 0306/ENGL 0309/ENGL 0304	Developmental Reading / Writing-Integrated Reading / Writing	*TSI Waiver
K225UH	Professional Communications	0.5	SPCH 1315 OR SPCH 1318	Public Speaking / Interpersonal Communications	3
3091U	Spanish IV	1	SPAN 2311/SPAN 2312	Intermediate Spanish I / Intermediate Spanish II	3 - 3
Exceptional Admission may be offered at LSC campuses or LSC online. Please consult your High School Counselor					
M170A	Pre-Calculus A	.5	MATH 1316	Trigonometry	3
M170B	Pre-Calculus B	.5	MATH 2412	Pre-Calculus	3
M1771E	Independent Study: Calculus AB	.5	MATH 2413	Calculus I	3
M1781E	Independent Study: Calculus BC	.5	MATH 2314	Calculus II	3
M134H	Psychology	.5	PSYC 2301	General Psychology	3
M136H	Sociology	.5	SOCI 1301	Principles of Sociology	3
M118H	Government	.5	GOVT 2305	American Government	3
M120H	Economics	.5	ECON 2301	Macroeconomics	3
M309A	Spanish IV A	.5	SPAN 2311	Intermediate Spanish I	3
M309B	Spanish IV B	.5	SPAN 2312	Intermediate Spanish II	3
KM225H	Professional Communication	.5	SPCH 1315 OR SPCH 1318	Public Speaking/interpersonal Communication	3
Workforce Dual Credit-LSC offered at Lone Star Campuses. Please consult your High School Counselor					
K2551E	Business Law	1	BUSI 2301	Business Law I	3
KM2521E	Business Information Management I	1	Busi1301	Introduction to Computers	3
KM4632E	EMT Basics	2	EMSP 1301	Introduction to EMT	3
KM3712E	PIHS – EMT/EMT Clinicals	2	EMSP 1501 / EMSP 1160	EMT/EMT Clinical	3/3
KM4511E	Law Enforcement I	1	CRU 1301	Introduction to Criminal Justice	3
KM4521E	Law Enforcement II	1	CRU 1307	Crime In America	3
KM4762E	Welding I	2	WLDG 1417	Intro to Layout & Fabrication	4
KM4772E	Welding II	2	WLDG 1428 / WLDG 1457	Intro to Layout & Fabrication / Intro to Welding Fundamentals	4/4
KM3511E	Medical Terminology	1	HITT 1310	Medical Terminology	3
KM4782E	Precision Metal Manufacturing I	2	MCHN 1302 / MCHN 1343	Print Reading for Machine Trades / Machine Shop Mathematic	3/3
KM4792E	Precision Metal Manufacturing II	2	MCHN 1338 / MCHN 1352	Basic Machine Shop / Intermediate Machining	3/3
	Dual Credit requires one of the following minimum test scores to enroll: TSI Reading 351-390, Writing 363-390, Math 350 and 4 on Essay 350-390 OR 5+ on Essay STAAR English III: Level II 2000+ Reading and Writing Algebra II: Level II 4000			ACT 19 (Composite 23) English 19-22 (Composite 23) Math SAT 480 English 530 Math PSAT 460 English 510 Math	

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

CISD encourages all students to enroll in available Advanced Placement (AP), Honors, and Dual Credit classes to enhance their academic experience. Any CISD student may enroll in Honors, AP, or Dual Credit* classes as his or her schedule permits.

These classes offer a high degree of rigor designed to prepare the student for success in higher academic pursuits. The purpose of an Honors course is to prepare students for college-level work which they will experience in subsequent Honors, AP, or DC* 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 an Honors, 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. Honors 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.

*Dual Credit courses do have admissions requirements.

While we expect students to be very successful in Honors, 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 Honors, 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 Honors and AP curriculum can offer, the District expects that any student who enrolls in the Honors 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, the teacher, and the 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 Honors /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 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 Honors /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 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

The Conroe Independent School District (District) as an equal opportunity educational provider and employer does not discriminate on the basis of race, color, national origin, sex, religion, age, or disability in educational programs or activities that it operates or in employment matters. The District is required by Title VI and Title VII of the Civil Rights Act of 1964, as amended, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, as amended, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, as well as Board policy not to discriminate in such a manner.

Gifted and Talented

Students identified to receive Gifted and Talented services are predominantly served through Honors and Advanced Placement courses at the 9th and 10th grade levels and by Dual Credit and Advanced Placement courses at the 11th and 12th grade levels. Students not enrolled in these courses receive differentiated instruction to meet their educational needs. Information regarding testing for Gifted and Talented services may be obtained by contacting the campus 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.

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 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. Foreign exchange students in an EOC test course will be required to take STAAR EOC tests. 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:

ACT	English	**18**
	Math	**22**
	Reading	**22**
	Science	**23**

Exemptions:

- ACT Composite **23** with minimum math of **19** and English **19**

SAT	Evidence Based Reading & Writing	**480**
	Math	**530**

Testing Information

STAAR

Students are required to successfully complete Algebra I, English I, English II, Biology, and US History STAAR exams.

More information regarding STAAR EOC can be found at http://staar.conroeisd.net

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 and the National Hispanic Recognition Program. 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: $42.50, plus $16.00 for writing section

Fee Waivers are available. See your counselor for more information.

SAT

The SAT Test is one of two college entrance exams required by most colleges and universities. The SAT tests Evidence Based Reading and Writing, Mathematics with an optional Essay. Evidence-based Reading and Writing range from 200 to 800 on each section. In addition, Math scores range from 200 to 800. The SAT is given on Saturdays several times a year. Registration with the College Board is required about six weeks in advance.
http://www.collegeboard.com.org/register
Cost of the SAT without essay: $47.50
Cost of the SAT with essay: $64.50

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.org/register
Price: Basic registration $26.00. Language with Listening Test adds $26. All other subject tests $22.

Fee Waivers are available. See your counselor for more information.

AP – Advanced Placement Exams

The College Board AP exams are given annually, 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 and payment takes place in the fall in the counselors' office. Tests will not ordered until payment has been confirmed.
See page 11 for more details.

Fee Waivers are available. See your counselor for more information.

TSI

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. Meeting TSI standards is also required for any dual credit classes. TSI is an untimed, computerized test used to qualify students for dual credit admissions. Students may be exempt from this test with specified scores on either the STAAR, PSAT, SAT, or ACT. This test is given on college campuses and offered in CISD. Pre-registration is required.
Price: Free of charge the first time for grades 10-11. Retests are $10 per unit or $29 for the entire test.

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

Steps toward College

Seventh Grade – Fall
- Begin investigating careers and college majors in Naviance.
- Start thinking about possible high school courses.

Eighth Grade – Fall
- Take a career inventory in Naviance (your counselor will give directions).
- Take some courses for high school credit.

Eighth Grade – Spring
- Study the high school courses available. Look at Honors, Advanced Placement, and Dual Credit opportunities.
- Create your High School 4-year course plan in Naviance. Be ready to declare an endorsement for your electives area. You CAN change your mind before your junior year.
- Listen carefully as counselors visit with you about high school classes, keeping in mind future plans for college and/or career.
- College information can be accessed through Naviance and other websites, such as College for All Texans (www.collegeforalltexans.com).
- Continue your college and career search through Naviance.

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 through Naviance.
- Get involved in extracurricular activities sponsored by your school and/or community. Make note of time involved, leadership roles, and activities.
- Keep a portfolio/resume listing all your activities, awards, honors, and leadership roles.
- 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.
- Talk with your parents about planning for college costs.
- Get to know your counselor! He/she will write letters of recommendation for college/scholarships/careers
- Participate in CISD College Night and other college events at your school.

Freshman Year – Spring

- Adjust your four-year plan as necessary in Naviance and make informed course selections for your sophomore year.
- Continue to research careers, majors and colleges in Naviance, and visit college campuses when you have the opportunity.

Sophomore Year – Fall

- Continue to focus on the importance of high school and make good academic decisions.
- Visit college websites and even college campuses when you get the opportunity.
- Do your best on the PSAT in October. It is free for all sophomores and given during the school day.
- 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.
- Continue to talk with your parents about planning for college costs.
- Get involved in activities outside the classroom. Work toward leadership positions in activities you like best.
- Make a visit to your counselor – establish a strong connection.
- Visit the College and Career Center.
- Attend CISD College Night.
- Continue to do your research on careers, majors, and colleges in Naviance.

Sophomore Year – Spring

- Continue to monitor college/work and/or technical training entrance requirements for changes. Modify your four-year plan in Naviance as these change – or as you change your focus. Be flexible and proactive!
- Continue to research careers, majors, and colleges and the requirements of each through Naviance and by visiting the institutions' websites. Begin to narrow down choices.
- Start looking at scholarship and financial aid options for when you are a senior.
- Meet with your counselor and visit the College and Career Center.

Junior Year – Fall

- Use Naviance for college information to help you start narrowing your college/technical school/career choices.
- If interested in a military career, be sure to visit with local recruiters and/or get information about starting the military academy application process.
- Do your best on the PSAT in October. The district pays for all juniors to take the test. This is the qualifying test for National Merit Semifinalists.
- Continue to visit college and/or technical school campuses. Begin to focus on what you are really looking for in a post-secondary experience.
- Speak to college representatives who visit your high school.
- Continue to focus on the importance of high school and make good academic decisions.
- Register for, pay and take appropriate AP exams.
- 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, through institutions, as well as through public/private agencies, churches, and organizations.
- Through Naviance, continue to research college requirements, tuition and fees, other costs, student activities, course offerings, financial aid, etc. for any institutions in which you are interested.
- Continue to visit with your counselor and spend time in the College and Career Center.
- Participate in the CISD College Night and Junior Jumpstart.

Junior Year – Spring

- Continue to conference with your counselor to make sure you are on track for graduation.
- Update your 4-year plan in Naviance.
- Take the SAT, ACT, and/or SAT Subject Tests.
- Check your class rank in Naviance. Remember, colleges like upward trends.
- Make good choices in selecting senior year classes. Consider an AP class. Do NOT plan to slack off your senior year.
- Begin work on your college essays.
- Stay involved with your extracurricular activities.
- Visit campuses of those institutions in which you are interested.
- Continue to research information about colleges, careers, and majors in Naviance.

Senior Year – Fall

- Be responsible for your own education. Make sure your academic grades reflect your true ability and efforts. Take courses at the most challenging level you can.
- Take SAT or ACT again if necessary and SAT Subject Tests, if required by your college.
- Register for, pay and take AP exams.
- Perfect college essays.
- Make final decisions about institutions to which you will apply. Begin the application process, paying close attention to deadlines. Be sure to turn in requests for processing 2 to 3 weeks in advance.
- Track your college applications and scholarship applications through Naviance.
- Ask for letters of recommendation in a timely manner. Remember, teachers and counselors have many letters to write, so give them ample time to craft a letter that will showcase you in the best way possible.
- Observe housing and financial aid deadlines.
- Request and track transcripts through Naviance. Be sure requests are made well ahead of time.
- Research scholarship opportunities in Naviance, and apply to as many as you qualify for.
- Attend Financial Aid Night. Complete and file FAFSA.
- Pay close attention to audition and portfolio deadlines, which may differ from actual application deadlines.

Senior Year - Spring

- Continue to complete and submit scholarship applications.
- Complete and submit the FAFSA.
- Register for and take AP exams.
- Do NOT let down during the last semester. You still have to send a final transcript!
- Complete the senior exit survey in Naviance.
- Be sure all your college acceptances and scholarship awards are recorded in Naviance and that you complete your Senior Survey.

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

The NCAA Guide for the college-bound student athlete can be downloaded at www.ncaapublications.com

Contact campus NCAA designee.

Exploring Post-Secondary Options

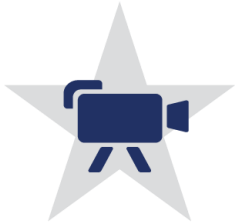
In addition to online resources and those available from the counseling center at your campus, Conroe ISD offers several venues to assist you in planning for post-secondary pursuits

1. College Night, held during the fall, 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 and Technical Education

The 14 Career Clusters

A career cluster is a group of occupations and industries in related fields of study. Texas has adopted 14 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: www.conroeisd.net/department/ci/cte/

	Agriculture, Food, and Natural Resources	The Agriculture, Food, and Natural Resources (AFNR) Career Cluster® focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.
	Architecture and Construction	The Architecture and Construction Career Cluster® focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.
	**Arts, A/V Technology, and Communications**	The Arts, A/V Technology and Communications (AAVTC) Career Cluster® focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVTC career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.
	Business Marketing, and Finance	The Business, Marketing, and Finance Career Cluster® focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.
	Education and Training	The Education and Training Career Cluster® focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster.
	Energy	The Energy Career Cluster® prepares individuals for careers in the designing, planning, maintaining, generating, transmission, and distribution of traditional and alternative energy. (not currently available).

	Health Science	The Health Science Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.
	Hospitality & Tourism	The Hospitality and Tourism Career Cluster® focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.
	Human Services	The Human Services Career Cluster® focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.
	Information Technology	The Information Technology (IT) Career Cluster® focuses on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.
	Law and Public Service	The Law and Public Service Career Cluster® focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.
	Manufacturing	The Manufacturing Career Cluster® focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.
	Science, Technology, Engineering, and Mathematics	The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

	Transportation, Distribution, and Logistics	The Transportation, Distribution, and Logistics Career Cluster® focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, 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	OSHA, First Aid, Junior Master Gardener
K103H	Small Animal Management	Canine Care & Training Program
K105	Veterinary Medical Applications	Certified Veterinary Assistant
K112	Food Technology and Safety	ServSafe
K113	Food Processing	ServSafe
K114	Wildlife, Fisheries & Ecology Management	Hunter/Boater Safety, TPWD Hunter Education
K117	Floral Design	Texas Floral Certification
K121	Agricultural Mechanics and Metal Technologies	AWS D1.1 Structural Steel
K122	Agricultural Structures Design & Fabrication	AWS D1.1 Structural Steel
K1222	Agricultural Structures Design & Fabrication with Lab	AWS D1.1 Structural Steel
K1242	Practicum in Agriculture, Food & Natural Resources	Certified Veterinary Assistant
K1562	Architectural Design II	Autodesk-ACAD, Autodesk-Revit, Apprentice Architectural Drafter Exam, Chief Architect
K1612	Construction Technology I	OSHA, NCCER
K1622	Construction Technology II	NCCER
K202	Animation II	Autodesk 3ds MAX or Autodesk Maya
K204	Audio/Video Production II	Adobe Premier Pro
K208	Graphic Design and Illustration II	Adobe Photoshop, Illustrator, In Design, Fireworks, or Flash
K252	Business Information Management I	Dual Credit. MOS (Microsoft Office Specialist) Word certification offered; some students may also begin MOS Excel and PowerPoint training

Course Number	Course	Certifications
K253	Business Information Management II	MOS (Microsoft Office Specialist) Word, Excel PowerPoint or Access certification offered
K305	Accounting II	MS Office Excel certification, or Quick Books
K350	Principles of Health Science	CPR and/or First Aid
K352	Health Science Theory	CPR and/or First Aid, Certified Clinical Medical Assistant
K3482	PIHS – Pharmacy Tech	Certified Pharmacy Technician
K3492	PIHS II – Pharmacy Tech	Certified Pharmacy Technician
K377	Introduction to Culinary Arts	OSHA
K3792	Culinary Arts	ServSafe
K403H	Lifetime Nutrition & Wellness	ServSafe
K405H	Child Development	CPR and/or First Aid
K4062	Child Guidance	AAFCS
K2772	Instructional Practices	AAFCS
K2782	Practicum in Education and Training	AAFCS
K4122 & K420	Cosmetology II & Principles of Cosmetology Design and Color Theory	State Board License
K426	Computer Maintenance	A+
K437	Internetworking I	Cisco CCNA
K438	Internetworking II	Cisco CCNA
K451	Law Enforcement I	OSHA
K452	Law Enforcement II	9-1-1 Telecommunication
K455	Correctional Services	
K3712	EMT/Clinicals	Emergency Medical Technician
K475	Principles of Manufacturing	OSHA, NCCER
K4762	Welding I	AWS D1.1 Structural Steel Code Position, D9.1Sheet Metal Welding Code Position
K4772	Welding II	AWS D1.1 Structural Steel Code Position, NCCER, D9.1 Sheet Metal Welding Code Position, GMAW, SMAW
K4782E	Precision Metal Manufacturing I	NIMS Varies
K4792E	Precision Metal Manufacturing II	NIMS Varies
K5052	Marketing Dynamics	A*S*K-Concepts of Finance, Fundamentals of Business Concepts, Fundamentals of Marketing Concepts
K5062	Practicum in Marketing Dynamics I	A*S*K-Concepts of Finance, Fundamentals of Business Concepts, Fundamentals of Marketing Concepts
K5292	Engineering Design & Presentation II	Autodesk-ACAD, Autodesk-Inventor
K5792	Automotive Technology: Maintenance & Light Repair	ASE, S/P2

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	**Honors/ Dual Credit	***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.
**Dual credit Spanish taught on the high school campus.
***Dual credit non-core taught either at Lone Star College or on the high school campus.

Awards: CISD high schools will include all mid-year graduates in the third nine-week 12th grade class membership for the sole purpose of determining and maximizing the total number of end-of-the year awards/honors.

Summa Cum Laude: Students who earn rank in the top 5% of their class according to GPA

In order for a student to be considered for Summa Cum Laude honors, he or she must have completed the final 3 semesters at the awarding school beginning in January of the year prior to graduation. Seniors not meeting this requirement may still earn Magna Cum Laude or Cum Laude honors. The students class rank will not change, only the level of honors earned.

Magna Cum Laude: Students who rank between the top 5% and 10% of their graduating class according to GPA.

Cum Laude: Students who rank between 10% and 15% of their class according to GPA.

Valedictorians:

- The Valedictorian and Salutatorian must be selected from the Summa Cum Laude graduates.
- In the event two or more students have the same grade point average, the awards will be determined by calculating numerical averages.

Beginning with sophomore year, students will receive class ranks (in Naviance) each semester.
Midyear Senior ranks will be released as quickly as possible after the end of the first semester (usually the end of January).
Final senior rank is determined mid-April, which will include the first nine weeks grades of the second semester in order for campuses to determine graduation honors before graduation. Midyear graduates are included in the senior class membership in order to maximize the total number of end-of-year awards/honors. Ranks are based on semester grades.

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.

GPA Exempt Courses

Conroe ISD strives to encourage students to pursue their areas of special talents and interests to enrich their academic experiences and achievements. The GPA exemption is in place to allow students to exempt up to two credits during their high school career in campus based programs. We believe this will foster continued and increased involvement in extra-curricular programs and ensure that all of our students have access to a well-rounded education.

For more information regarding GPA Exempt Courses, refer to the GPA Exempt Courses flyer.

http://www.conroeisd.net/wp-content/uploads/2018/06/GPA-Exempt-Courses-1.pdf

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 August 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 – any courses taken after completion of 8th grade are calculated in class 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.

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 course 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. Grades may only be averaged if the second semester immediately follows the first as part of a one-credit offering. Summer school grades will not be averaged with grades awarded during the regular school year.

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, (see local credit section), 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.
If documentation is determined to be insufficient, credit-by-exams (CBE) will be administered in the highest level of core classes completed in home school, non-accredited private school, or other organization. If the student scores a 70 or above, upon passing the CBEs, credit will be awarded for all prior credits from the home or other school that match the state requirements for both core and elective courses.

1. Credit by examinations in each individual subject area are per semester (1/2) credit. The cost of the examination(s) is covered by the school.

2. A secondary student assessed by credit-by-examination should be given adequate time to prepare for the test, particularly if multiple subject examinations are required.

3. As an alternative to CBE, to determine course subject mastery, it is a campus decision to offer course semester final exams.

4. Grades recorded on the transcript will be those that were recorded on the transcript provided by the home school, unaccredited private school or other organization. If grades are not provided, "P's" will be awarded.

5. If the student fails the credit-by-examination with a grade of 69 or below, the student must take the course for that subject to receive a grade of 70 or higher to be awarded credit.

A. To receive credit for the lower level courses, a student must take a CBE for each semester of each course and pass with a grade of 70 or higher. The cost of these exams are the responsibility of the student.

B. If the lower level course CBE is passed with a grade of 70 or higher then credit for the electives taken in the home, unaccredited private school or other organization will be awarded.

C. Any student who chooses not to take CBEs for courses taken at a lower level than the course for which the student received CBE credit, must take the lower level course(s) and receive a grade of 70 or higher to receive credit for the lower level course(s).

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 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.

Grades from Other Countries

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. Every effort will be made to transcribe to CISD's numeric grading system.
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 or a GPA of 4.1 or greater during his/her 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 or a GPA of 4.2 or greater during his/her sophomore year is eligible for a letter jacket and/or letter with the appropriate number of bars;
3. A senior student having a cumulative average of 90 for all subjects or a GPA of 4.3 or greater during his/her junior year is eligible for a letter jacket or a letter with the appropriate number of bars.
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

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 marking 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.

- 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 https://www.uiltexas.org/policy/tea-uil-side-by-side/academic-requirements

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):

Approved High School Courses:

May waive no more than 2 courses per grading period.

Advanced Placement Courses:
- All

Dual Credit Core Courses:
- All

English:
- English I Honors
- English II Honors

Mathematics:
- Geometry Honors
- Algebra II Honors
- Pre-calculus
- Pre-calculus Honors

Science:
- Biology Honors
- Chemistry Honors
- Organic Chemistry Honors
- Anatomy and Physiology Honors
- Advanced Biotechnology Honors
- Medical Microbiology Honors
- Pathophysiology Honors

Social Studies:
- World Geography Honors

LOTE:
- Spanish III Honors
- French III Honors
- German III Honors
- Latin III Honors
- Japanese III Honors
- Chinese III Honors

Computer Science:
- Computer Science Honors

Approved Junior High School Courses:

May only waive 1 course per grading period.

English:
- Honors Language Arts

Mathematics:
- Honors Math
- Algebra I
- Geometry

Science:
- Honors Science

Social Studies:
- Honors Texas History
- Honors U.S. History

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 determine the master schedule of course offerings available. The master schedule 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 be made if only 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 prerequisites for a course or who have been 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. 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 Honors, 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 Honors and AP curriculum can offer, the District expects that any student who enrolls in the Honors 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 Honors	English II Honors	English Language and Composition AP	English Literature AP
	English I Honors	English II Honors	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 Honors	World History AP	US History AP	Government AP Macroeconomics AP
	AP Human Geography	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	Leadworthy	Special Topic/AP Human Geography, European History AP, Psychology, Sociology, Leadworthy Personal Financial Literacy	Special Topic/AP Human Geography, European History AP, Psychology AP, Psychology, Sociology, Leadworthy Personal Financial Literacy	Special Topic/AP Human Geography, European History AP, Psychology AP, Psychology, Sociology, Leadworthy Personal Financial Literacy

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 Honors	Chemistry Honors	Physics I AP	4th Science Credit
For students who perform successfully in Science	Biology	Chemistry	Physics or Principles of Technology	4th Science Credit

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Typical Course Selection Options for Math, Grades 9-12

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
For students with advanced Math skills (Algebra I in 7th grade)	Geometry Honors	Algebra II Honors	Pre-calculus Honors	Calculus AB AP Calculus BC AP Statistics AP	Calculus AB AP Calculus BC AP Statistics AP Multi Variable Calculus
For students with advanced Math skills (Algebra I in 8th grade)	Algebra I	Geometry Honors	Algebra II Honors	College Alg. DC Pre-calculus Honors	Calculus AB AP Calculus BC AP Statistics AP DC Honors Cal/Trig College Alg.
For students who perform successfully in Math	Pre-Algebra	Algebra I	Geometry	Algebra II Math Models	*Algebra II Pre-calculus Statistics AP College Algebra H College Algebra DC
Math Electives					IS: Engineering Mathematics, IS: Research Project in Mathematics, Advanced Quantitative Reasoning AP Computer Science A

*NOTE: The following course may also count as a fourth math credit: Advanced Quantitative Reasoning, AP Computer Science

Other Credit Opportunities

Campus Permission

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

For graduating seniors, all courses required for graduation taken outside the school day must be completed by the **beginning of the second** semester. This includes the course final.

Correspondence/Virtual/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. This includes the course final.

- 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.

The Texas Virtual School Network (TxVSN) has been established as one method of distance learning. A student has the option, with certain limitations, to enroll in a course offered through the TxVSN to earn course credit for graduation. In limited circumstances, a student in grade 8 may also be eligible to enroll in a course through the TxVSN. A student who enrolls in a TxVSN course for which an end-of-course (EOC) assessment is required, the student must still take the corresponding EOC assessment.

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.

Correspondence, Virtual, and Online learning course grades are entered on the student's transcript and counted in the GPA calculation as level grade points unless the course is approved as an Advanced Placement course. Distance learning courses count toward academic UIL "No Pass/No Play" eligibility and are evaluated in accordance with the District eligibility calendar that can be found on the District's website.

Students should be aware that virtual or online courses may not count towards NCAA eligibility. It is recommended students go to the link http://lonestar.readi.info/assessmentpublic.login, and take the SmarterMeasure 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.

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 Exam:

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 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
(has not taken class before)
Note: This option is not available for EOC courses.
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 an **80 or above** in order to receive credit. These scores are not computed in the Grade Point Average (GPA). These exams will be scheduled four times per year. Consult your child's counselor for specific times and locations.

If a student plans to take an exam for credit recovery, the student or parent must register with the counselor no later than 30 days prior to the scheduled testing date. If the student plans to take an exam for acceleration, the student or parent must register online on the CISD website.

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). Any course taken after completion of 8th grade is calculated in class rank. 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.

Campus Computer-Assisted Courses

Students taking courses on the computer to recover a semester (or more) credit for a course previously failed, will be awarded a numeric grade and grade points for that computer-assisted course. Principal (or his/her designee) approval must be received for a student to take any computer-assisted course as a first time offering. Courses taken as a first time offering will earn grade points and be calculated in class rank.

Off Campus Physical Education Program Guidelines

The purpose of the Off Campus Physical Education (OCPE) program is to accommodate students participating in **individual** sports and are making serious efforts to develop higher-level skills in a specific activity that exceeds what the school district can offer through the general physical education program. The OCPE program allows students in 7th through 12th grades to earn credits that meet the district and state physical education graduation requirements. Students are expected to be physically educated, along with being physically active. Students are expected to show accountability of skill development as well as learned physical activity. Knowledge of Health concepts and age appropriate social development are also requirements of the Texas Essential Knowledge and Skills for Physical Education.

Category I: Olympic/National Level - for Junior High and High School:
The Off Campus Physical Education online, www.conroeisd.net enrollment window opens on **Monday, March 16, 2020,** and closes on **Monday, May 4, 2020.**

1. Participation includes a minimum of **15 hours per week** of highly intensive, professional, supervised training.
2. Participation hours are achieved only during instructional time not for competitive or game events. Animal care and grooming do not apply to participation hours.
3. The training facility, instructors, and the activities involved in the program must be certified by the superintendent as highly qualified.
4. Students qualifying and participating at this level may be dismissed from school one hour at the end of the day. No team sports. Students dismissed may not miss any class other than physical education.
5. Off campus physical education is only available to students participating in individual sports.

6. High school students are not eligible to participate in programs that the UIL offers in CISD.
7. Off campus physical education requires a year-long commitment.
8. Students who drop out of the program prior to the end of semester will be scheduled into a campus physical education class. No credit is awarded.
9. Students are not allowed to change facilities or activity programs during the year without district approval.
10. Different programs may not be combined to meet Category I minimum time requirements.
11. Transportation is not provided by CISD.
12. Background checks are not provided by CISD.
13. Students are responsible for all fees associated with the activity.

Category II: Junior High and High School:
Online Applications, www.conroeisd.net. will be available to students on **Monday, March 16, 2020**. Completed online applications are due no later than **Monday, May 4, 2020.**

1. Participation includes a minimum of **5 hours, but less than 15 hours per week** at a private or commercially sponsored agency that provides physical activities which include those certified by the superintendent to be of a high quality and well supervised by highly qualified instructors.
2. Off campus physical education is only available to students participating in individual sports. Team sports are not eligible for this program.
3. High school students are not eligible to participate in programs that the UIL offers in CISD.
4. Students participating in Category II waivers may not be dismissed from any part of the regular school day.
5. Transportation is not provided by CISD.
6. Background checks are not provided by CISD.
7. Students are responsible for all fees associated with the activity.
8. Off campus physical education requires a year-long commitment.

Club Sports: Junior High and High School:
Applications will be available to students in **Monday, March 16, 2020**. Completed applications are due no later than **Wednesday, April 29, 2020**. Students should see their counselor for details regarding club sports. Applications for club sports are not available online.

1. Club sports are approved by the campus principal.
2. Club sports must have a campus faculty sponsor or coach.
3. Club sport participants must comply with participation requirements as outlined by the UIL and "No Pass-No Play" guidelines.
4. Students attending a campus without a specific club sport may participate with an approved alternate campus.
5. Students participating in club sports **may not** be dismissed from any part of the regular school day.
6. Transportation is not provided by CISD.
7. Students earn .5 physical education credits for the school year.

Summer School 2020

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. Registration opens in April 2020.

High School **Acceleration/Initial Credit** courses
Location: **TBD** Dates: **TBD**

- Art I
- Communications Applications*
- Earth Space Science
- Economics
- English IV B
- ESL Academy I, II, III (Earns ½ credit only)
- Government
- Health
- Math Models
- Spanish II
- Spanish III Honors
- Team Sports
- U.S. History Dual Credit
- World Geography

*Not a required course for graduation for students entering 9th grade in 2015.

High School **Credit Recovery** courses
Location: **TBD** Dates: **TBD**

- Algebra I
- Algebra II
- Art I
- Biology
- Chemistry
- Communications Applications
- English I, II, III, IV
- Geometry
- Government
- Economics
- Health

- Math Models
- Physics
- Spanish I
- Spanish II
- Team Sports
- U.S. History
- World Geography
- World History

Online Accelerated Math Initial Credit for the following courses will be offered in an online blended virtual course. In order to be approved for these courses, students must have a minimum grade average of 80, and are recommended to have scored at final Level II on the previous year's STAAR exam in mathematics:

- **7th grade Math** *(for 6th graders going into 7th grade transitioning to Pre-Algebra)*,
- **8th grade Pre-Algebra** *(for 7th graders going into 8th grade transitioning to Algebra I)*,
- **Algebra I** (*for 8th graders going into 9th grade transitioning to Geometry Pre-AP)*, and
- **Geometry Honors** *(for 8th graders going into 9th grade who have successfully completed Algebra I and have principal approval to take Geometry Pre-AP during the summer and for 9th graders going into 10th grade transitioning to Algebra II)*

Registration: **TBD**
Dates: **TBD** Location: **TBD**
Parent Meetings:
TBD
TBD

Junior High Summer School
Location*: **TBD (Irons, Knox, McCullough, York); Peet; Moorhead; Washington***
Dates: **TBD**
Courses offered for credit recovery:

- 7th/8th grade Language Arts
- 7th/8th grade Math
- 7th/8th grade Science
- 7th/8th grade Social Studies
- Chinese Enrichment (not for credit)

STAAR re-testers for Math or Reading will report
Location*: **TBD (Irons, Knox, McCullough, York); Peet; Moorhead; Washington***
Date: **TBD**
Retest dates: **TBD (Math); TBD (Reading)**

Catalog of Courses: Senior High

Science

012 Biology
Transcript Code: BIO
Credit: 1
Biology is a lab-oriented course involving a survey of living systems and their interrelationships. Topics include biochemistry, cell structure and function, DNA structure and function, genetics, change in organisms over time, taxonomy, plant and animal systems, and ecology. Laboratory skills, scientific method, and safety procedures are stressed.

014 Biology Honors
Transcript Code: BIO
Credit: 1
Honors Biology is a rigorous introductory biology course for students. This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work.
Topics include biochemistry, cell structure and function, DNA structure and function, genetics, change in organisms over time, taxonomy, plant and animal systems, and ecology. Laboratory skills, scientific method, and safety procedures are stressed. Investigations, both individual and group, along with reading and writing assignments, are integral components of the Honors curriculum. These investigations may be performed both inside and/or outside of class.

015 Biology AP
Transcript Code: AP-BIO
Prerequisite: Biology and Chemistry (Honors recommended)
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, and ecology. Laboratory work is emphasized. A summer assignment may be required. Students may be required to take the AP Biology exam.

021 Chemistry
Transcript Code: CHEM
Prerequisite: Biology and Algebra I
Credit: 1
Chemistry I is a lab-oriented course that introduces the basic concepts of inorganic chemistry. Students will use scientific practices, scientific measurement and scientific calculations to solve investigative questions. Topics include atomic structure, chemical formulas, equations and stoichiometry, chemical bonding, states of matter, solutions, acids and bases, gas laws, thermochemistry, and nuclear chemistry. Laboratory skills and safety procedures are stressed.

023 Honors Chemistry
Transcript Code: CHEM
Prerequisite: Biology and Algebra I and concurrent enrollment in Geometry or Algebra II (Honors recommended)
Credit: 1
Honors Chemistry is a rigorous introductory chemistry course for students. This Honors course is designed to prepare students for the next advanced course in the subject area. Students will use scientific practices, scientific measurement and scientific calculations to solve investigative questions. Topics include atomic structure, chemical formulas, equations and stoichiometry, chemical bonding, states of matter, solutions, acids and bases, gas laws, thermochemistry, 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, along with reading and writing assignments, are integral components of the Honors curriculum. These investigations may be performed both inside and/or outside of class.

024 Chemistry AP
Transcript Code: AP-CHEM
Prerequisite: Chemistry and Algebra II (Algebra II may be concurrent, Honors recommended)
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. Students may be required to take the AP Chemistry exam.

026 Applied Chemistry
Transcript Code: CHEM
Enrollment is determined by levels of success in prior math and science classes and prior STAAR scores.
Credit: 1
Understanding how chemistry applies to daily life is the major emphasis of this course. Students will use scientific practices, scientific measurement and scientific calculations to solve investigative questions. Topics include atomic structure, chemical formulas, equations and stoichiometry, chemical bonding, states of matter, solutions, acids and bases, gas laws, thermochemistry, and nuclear chemistry. This is a course for students with limited mathematics skills.

071UA Chemistry Dual Credit (1411)
Transcript Code: CHEM DC
Prerequisite: Chemistry and Algebra I (Algebra II may be concurrent, Pre-AP recommended) and Lone Star College Montgomery readiness requirements. (Pre AP recommended)
Credit: 1
This course is a college level chemistry course. Topics include a mathematical introduction, discussion of atoms, molecules and ion, stoichiometry, electronic structure, periodic relationship, bonding, molecular geometries, and properties of gases, liquids, solids and solutions.

028 Physics I AP
Transcript Code: APPHYS I
Prerequisite: Chemistry and Algebra II (Honors recommended)
Credit: 1

Physics I AP is equivalent to a first-semester college-level physics course. Major topic areas of study include Newtonian mechanics, work, energy, power, mechanical waves, and sound. Problem-solving will be rigorous. A variety of hands-on laboratory investigations and inquiry activities will be included.

029 Physics II AP

Transcript Code: APPHYS 2

Prerequisite: Physics I AP recommended

Credit: 1

AP Physics 2 is equivalent to a second-semester college level physics course. It is designed for students who are planning to major in pre-med or a life science. Major topic areas of study include fluid mechanics, thermodynamics, electricity, magnetism, optics, atomic and nuclear physics. Problem solving will be rigorous. A variety of hands-on laboratory investigations and inquiry activities will be included

031 Physics

Transcript Code: 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, waves, electricity, and modern physics. Students will use a systematic approach to answering scientific laboratory and field investigations. Students are required to manipulate equations using algebra.

032 Physics Honors

Transcript Code: PHYSICS

Prerequisite: Chemistry (Honors recommended) and Geometry (Honors recommended) with concurrent enrollment in Algebra II (Honors recommended

Credit: 1

Physics students will use higher level thinking skills to solve conceptual and numerical problems in laboratory investigations and mathematical computations. This Honors course is designed to prepare students for the next advanced course in the subject area. A combination of laboratory experiments and theory are used to develop the following topics: velocity, acceleration, force, momentum, energy, waves, electricity, and modern physics. Students will use a systematic approach to answering scientific laboratory and field investigations. This course is more mathematically rigorous than level physics.

035 Physics C AP: Electricity & Magnetism

Transcript Code: APPHYSCE

Prerequisites: Physics (031 or 032). OR Physics AP I (028) and concurrent enrollment in Calculus

Credit: 1

This course is a calculus based college level physics course. It is designed for students who are planning to major in a physical science or engineering. The course explores topics such as electrostatics; conductors; capacitors; dielectrics; electric circuits; magnetic fields; and electromagnetism. Problem solving will be rigorous. A variety of hands-on laboratory investigations and inquiry activities will be included. Introductory differential and integral calculus will be used throughout the course. Students may be required to take the AP Physics C: Electricity and Magnetism exam.

038 Physics C AP: Mechanics

Transcript Code: APPHYSCM

Prerequisites: Physics (031 or 032). OR Physics AP I (028) and concurrent enrollment in Calculus

Credit: 1

This course is a calculus based college level physics course. It is designed for students who are planning to major in a physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Problem solving will be rigorous. A variety of hands-on laboratory investigations and inquiry activities will be included. Introductory differential and integral calculus will be used throughout the course. Students may be required to take the AP Physics C: Mechanics exam.

039 Earth and Space Science

Transcript Code: ESS

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

Transcript Code: ENVIRSYS

Prerequisite: 1 credit 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

Transcript Code: AQUA SCI

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

Transcript Code: ASTRMY

Prerequisite: 3 credits of Science

Credit: 1

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, instruction on the dynamics and viewing of constellations in the night sky, space flight, history of the Sun, and the Moon, and possibility of life elsewhere. Mathematics is a minor but necessary component of the course.

044 Environmental Science AP

Transcript Code: AP-ENVIR

Prerequisites: 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. Students may be

required to take the AP Environmental Science exam.

054 Organic Chemistry Honors
Transcript Code: ORGCHEM
Prerequisites: Chemistry, Physics (Honors recommended)
Credit: 1
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. This Honors course is designed to prepare students for the next advanced course in the subject area. A college-level text will be used. This course does not meet a 4th Science requirement.

060 Lab Management
Transcript Code: LAB MGMT LC
Credit: Local credit
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
Transcript Code: INTERSHP LC
Credit: Local credit
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
Transcript Code: RES PR I LC
065 Research and Problems II
Transcript Code: RES PR 2 LC
066 Research and Problems III
Transcript Code: RES PR 3 LC
Credit: Local credit

067 Explorations in Science and Technology
Transcript Code: EXPLORAT LC
Credit: Local credit

K106 Advanced Animal Science
Prerequisites: Biology and Chemistry; Algebra 1 and Geometry, and either Small Animal Management, Equine Science, or Livestock Production
Transcript Code: ADVANSCI
Credit: 1
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.

K355 Anatomy and Physiology Honors
Transcript Code: ANATPHYS
Prerequisites: Biology and a second science credit
Credit: 1
The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. This course requires labs in dissection.

K356H Medical Microbiology Honors
Transcript Code: MICRO
Prerequisites: Biology and Chemistry
Credit: 1
The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

K357 Pathophysiology Honors
Transcript Code: PATHO
Prerequisites: Biology and Chemistry
Credit: 1
The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. This Honors course is designed to prepare students for the next advanced course in the subject area. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

K3691U Anatomy and Physiology Dual Credit (2401)
Transcript Code: ANATPHYS DC
Prerequisites: Biology, a second science credit, and Lone Star College Montgomery readiness requirements.
Credit: 1
A study of the structure and function of the human body. Emphasis will be given to the study of cells and tissues and anatomical and physiological interrelationships of the integumentary, skeletal, muscular, and nervous systems, endocrine, circulatory, immune, respiratory, digestive, reproductive and urinary systems. This course requires labs in dissection.

K3701U Anatomy and Physiology Dual Credit (2402)
Transcript Code: SCIRD3
Prerequisites: Biology, a second science credit, and Lone Star College Montgomery readiness requirements.
Credit: 1
A study of the structure and function of the human body. Students will go more in-depth into endocrine, circulatory, immune, respiratory, digestive, reproductive and urinary systems.

K453 Forensic Science
Transcript Code: FRENSCI
Prerequisites: Biology and Chemistry.
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 scene documentation 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, blood spatter, DNA, serology, anthropology, entomology, and pathology analysis. Students will gain knowledge and understanding of forensic science by studying the history, legal aspects, and career opportunities in the field of forensics.

K527 Biotechnology I

Transcript Code: BIOTECH1
Prerequisites: Biology and Chemistry
Credit: 1
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.

K534 Principles of Technology
Transcript Code: PRINCTECH
Prerequisites: Biology 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 the laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and the behavior of waves.

K535 Scientific Research and Design
Transcript Code: SCIRD
Prerequisite: Concurrent enrollment in Biology
Credit: 1
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 Honors
Transcript Code: SCIRD2
Prerequisites: Biology, Chemistry, or Physics
Credit: 1
The first semester of this course will introduce students to the fundamentals of electronic circuits. This Honors course is designed to prepare students for the next advanced course in the subject area. 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.

Social Studies

097A/B Ethics Studies African America Studies
Transcript Code: AFAMSTUD
Credit: 1
African American Studies is a conceptually driven course that introduces students to the exploration of the rich and diverse history and culture of African Americans. The goal of this course is to broaden the knowledge and understanding of students interested in learning about history, citizenship, culture, economics, science, technology, geography, and the political realities of African Americans. Grade 9-12

098A/B Ethics Studies: Mexican American Studies
Transcript Code: MEXAMS
Credit: 1
In Mexican American Studies, students learn about the history and cultural contributions of Mexican Americans. Students will explore history and culture from an interdisciplinary perspective. They will have opportunities to interact with relevant film, literature, art, and other media. The course emphasizes developments in the twentieth and twenty-first centuries, but students will also engage with developments prior to the twentieth century. Grade 10-12

099 AP Seminar
Transcript Code: APSMNR
Credit: 1
Grades: 11
AP Seminar is a foundation course that engages students in cross curricular conversation that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Taking this course and AP Research enables students to earn an AP Seminar and Research Certificate. If students take 4 additional AP courses and earns 3 or higher on corresponding exams students can earn a AP Capstone Diploma.

100 World Geography
Transcript Code: W GEO
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 Honors
Transcript Code: W GEO
Credit: 1
This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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. The skills and strategies developed in this course are to prepare students for Advanced Placement Courses.

103 Human Geography AP
Transcript Code: APHUMGEOW
(Pre-AP experience recommended)
Credit: 0.5-1
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. Students are required to take the AP Human Geography exam.

104 AP Research
Transcript Code: APRES
Prerequisite: AP Seminar
Credit: 1
Grades: 12
In the AP Research course, students further their skills acquired in the AP seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research

question. Taking this course and AP Seminar enables students to earn an AP Seminar and Research Certificate. If students take 4 additional AP courses and earns 3 or higher on corresponding exams students can earn a AP Capstone Diploma.

105 World History
Transcript Code: W HIST
Prerequisite: World Geography, World Geography Honors (PreAP) or AP Human 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, World Geography Honors (PreAP) or AP Human Geography
Credit: 1
This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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. The skills and strategies developed in this course are to prepare students for Advanced Placement courses.

108 World History AP
Transcript Code: APWHIST
Prerequisite: World Geography, World Geography Honors (PreAP) or AP Human Geography (Honors (PreAP) or AP Recommended)
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. Students are required to take the AP World History exam.

110 US History
Transcript Code: US HIST
Prerequisite: World History, World History Honors or AP 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
Transcript Code: US HIST
Prerequisite: World History, World History Honors or AP World History
Credit: 1
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 US History AP
Transcript Code: APUSHIST
Prerequisite: World History, World History Honors or AP World History (Honors or AP recommended)
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. Students are required to take the AP US History exam.

1131U US History Dual Credit (1301 and 1302)
Transcript Code: US HIST
Prerequisite: World History, World History Honors or AP World History and Lone Star College-Montgomery readiness requirements
Credit: 1
This class is the introductory college course that focuses on Pre-Columbian American Indians to the present.

114H Personal Financial Literacy
Transcript Code: PFL
Credit: .5
Personal Financial Literacy focuses on developing citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The course strands include earning and spending, saving, and investing, credit and borrowing, insuring and protecting, college and post-secondary education and training.

115H US Government
Transcript Code: GOVT
Prerequisite: US History, US History Honors, AP US History, or Dual Credit 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.

116H US Government Honors
Transcript Code: GOVT
Prerequisite: US History, US History Honors, AP US History or Duall Credit US History
Credit: .5
This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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.

117H US Government AP

Transcript Code: APUSGOVT
Prerequisite: US History, US History Honors, AP US History or Dual Credit US History (Honors or AP recommended)
Credit: .5
This class is equivalent to a one semester introductory college course in US Government and Politics and includes both general concepts and analysis of specific events, theories, and data. Students are required to take the AP Government exam.

118UH Government Dual Credit (2305)
Transcript Code: GOVT
Prerequisite US History, US History Honors, AP US History or Dual Credit US History (Honors or AP recommended) and Lone Star College Montgomery readiness requirements.
Credit: .5
This class in an introductory college course (GOVT 2305 American Government I) that focuses on US Government and Politics and includes both general concepts and analysis of specific events, theories, and data.

119H AP Comparative Government and Politics
Transcript Code: APCPGOV
Prerequisite: Previous AP coursework recommended
Credit: .5
This course is an introductory college-level course in comparative government and politics. The course uses a comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students cultivate their understanding of comparative government and politics through analysis of data and text-based sources as they explore topics like power and authority, legitimacy and stability, democratization, internal and external forces, and methods of political analysis.

120H Economics
Transcript Code: : ECO-FE
Prerequisite: US History, US History Honors, AP US History or Dual Credit 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.

121H Economics Honors
Transcript Code: ECO-FE
Prerequisite: US History, US History Honors, AP US History or Dual Credit US History
Credit: .5
This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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.

122H Macroeconomics AP
Transcript Code: APMACECO
Prerequisite: US History, US History Honors, AP US History or Dual Credit US History (Honors or AP recommended)
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. Students are required to take the AP Economics (Macro) exam.

129 European History AP
Transcript Code: APEHIST
Prerequisite: World Geography, World Geography Honors (PreAP) or Human Geography AP or concurrent AP (Honors or AP recommended)
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. Students are required to take the AP European History exam.

130H Peer Assistance and Leadership (PALS 1)
Transcript Code: PAAL1
Credit: .5
The Peer Assistance and Leadership® (PAL) program focuses on working with elementary, middle, and high school age youth. Participants receive effective training in resiliency strategies. Course content and interactive activities combat issues like school violence, drug use/abuse, teen pregnancy, gang participation, school dropouts, and/or behavior problems.

131H Peer Assistance and Leadership (PALS 2)
Transcript Code: PAAL2
Prerequisite: PALS 1
Credit: .5
The Peer Assistance and Leadership® (PAL) program focuses on working with elementary, middle, and high school age youth. Participants receive effective training in resiliency strategies. Course content and interactive activities combat issues like school violence, drug use/abuse, teen pregnancy, gang participation, school dropouts, and/or behavior problems.

134H Psychology
Transcript Code: PSYC
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.

135H Psychology AP
Transcript Code: APPSYC
Prerequisite: PREAP or AP experience recommended
Credit: .5
This class is equivalent to an introductory college course in Psychology. Students are encouraged to take the AP Psychology exam.

136H Sociology
Transcript Code: SOC
Credit: .5
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.

145H Bible Literacy and Western Civilization
Transcript Code: HSNTSS
Credit: .5
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.

151H Special Topics in SS IV – Holocaust Study
Transcript Code: SPTSS4
Credit: .5
This course uses unique methodology to lead students through an examination of the history of the Holocaust while fostering their skills in ethical reasoning, critical thinking, empathy and civil engagement. By testimonies, personal reflections, poetry, and images – students are given a lens to thoughtfully examine the universal themes and questions about human behavior inherent in a student of the Holocaust. Students are also prompted to draw connections between history and the world today.

153 Student Leadership (Student Council)*
Transcript Code: STULEAD
Credit: 1 (1st year only)
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 Leadworthy
Transcript Code: LDWRTY
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.

155 Student Council LC
Credit: Local credit
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.

Math

159 Algebra I Honors
Transcript Code: ALG 1
Credit: 1
This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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
Transcript Code: ALG 1
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 skills, 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.

160 Algebraic Reasoning
Transcript Code: ALGREA
Credit: 1
Prerequisite: Algebra I
In this course, students will build on the knowledge and skills introduced in Algebra I and expand on the concepts with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

164 Geometry
Transcript Code: GEOM
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 Honors
Transcript Code: GEOM
Prerequisite: Algebra I
Credit: 1
This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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. Students will devote time to memorizing basic theorems and postulates.

166 Mathematical Models
Transcript Code: MTHMOD
Prerequisite: Algebra I
Enrollment is determined by levels of success in prior math and science classes and prior STAAR 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
Transcript Code: ALG 2
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 Honors
Transcript Code: ALG 2
Prerequisite: Geometry (Pre-AP recommended)
Credit: 1
This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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 and other graphing utilities 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 Pre-Calculus
Transcript Code: PRE CALC
Prerequisite: Algebra II
Credit: 1
Pre-Calculus 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 and other graphing utilities are used when appropriate.

170U Pre-Calculus Dual Credit
Transcript Code: PRE CALC
Prerequisite: Algebra II
Credit: 1
Pre-Calculus Dual Credit is a preparatory course for Advanced Placement Calculus or college-level Calculus. The course expands on the Geometry and Algebra II curriculum. Topics covered include trigonometry, circular functions, complex numbers, polar and parametric equations, polynomial functions, power functions, piece-wise functions, exponential functions, logarithmic functions, inverses, analytic trigonometry, vectors, analytic geometry (conics), systems of equations and inequalities, and sequences and series. There is an expectation of higher-level mathematical thinking skills with an emphasis on applications. Students meeting all requirements of Lone Star College-Montgomery prior to the semester may apply and register to receive dual credit for Trigonometry 1316. Upon completion of Dual Credit requirements, student will be enrolled in Trigonometry 1316 for the fall semester and Pre-Calculus 2412 for the spring semester.

171 Pre-Calculus Honors
Transcript Code: PRE CALC
Prerequisite: Algebra II (Pre-AP recommended)
Credit: 1
This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. Pre-Calculus Pre-AP is a preparatory course for Advanced Placement Calculus. The course expands on the Algebra II Pre-AP 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 Statistics AP
Transcript Code: APSTATS
Prerequisite: Algebra II (Pre-AP recommended)
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. Students are required to take the AP Statistics exam.

175 Calculus AB AP
Transcript Code: APCALCAB
Prerequisite: Pre-calculus (Pre-AP 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 Calculus BC AP
Transcript Code: APCALCBC
Prerequisite: Pre-calculus (Pre-AP 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. Students are required to take the AP Calculus BC exam.

180 Multi-Variable Calculus
Transcript Code: MULTCAL
Prerequisite: BC Calculus
Credit: 1
Multivariable Calculus takes the concepts learned in the single variable calculus course and extends them to multiple dimensions. This would be a third year Calculus course for students who have completed BC Calculus and offers students an opportunity to take math all four years of high school.

179 Advanced Quantitative Reasoning
Transcript Code: ADQUANR
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
Transcript Code: INSTUMTH
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, piecewise-defined functions, and the theory of equations and matrices.

190A College Algebra H
Transcript Code: INSTUMTH
Prerequisite: Algebra II
Credit: .5
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.

190UB College Algebra DC
Transcript Code: INSTUMTH
Prerequisite: Accelerated College Prep Math
Credit: .5
This fourth year, math course will expand on the algebraic skills learned in Algebra 2 and explore new topics leading to trigonometry. The topics include: inverse functions, logarithmic and exponential functions, polynomial and rational functions, theory of equations and matrices, and piece-wise functions. Students will follow and master the course outcomes for College Algebra in the Lone Star College system. Students who successfully master the course outcomes are eligible for college credit through the Lone Star College system.

196 College Prep Accelerated PrerequisiteL Algebra 2
Transcript Code: CPMA
Credit: .5
This fourth year, math course will reinforce skills learned in previous math courses as well as new skills leading to solving complex mathematical equations. Students will explore topics in: equations and inequalities with absolute value, laws of exponents, factoring, rational expressions and equations, systems of equations, and quadratic equations.
Students who successfully master the course outcomes with an average of 75% or greater and meet Lone Star College Montgomery requirements may enroll in College Algebra for the Spring semester.

863 Computer Science AP - A
Transcript Code: APTACSA
Prerequisite: Computer Science I Honors
Credit: 2
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 credit. The additional credit will satisfy a LOTE (Languages Other Than English) credit. This credit does not impact GPA. While it satisfies a LOTE graduation requirement, computer science may not meet college admission's requirements in foreign language. Students are required to take the AP Computer Science exam.

1971 College Prep Math (TSI)
Transcript Code: CPMAT
Prerequisite: Algebra II
Credit: 1
In this fourth year math course, students will: review basic algebraic operations, solve equations and inequalities with and without absolute value, use the laws of exponents, simplify polynomials including but not limited to operations of addition, subtraction, multiplication and division, factor polynomials, simplify rational expressions, graph functional models on the Cartesian coordinate plane, simplify complex numbers expressions with radicals, solve systems of equations graphically and algebraically without a graphing device, calculate equations of linear models, and solve equations with absolute value, radicals, and of second degree.
Students will take the Texas Success Initiative (TSI) in the spring semester to successfully complete the courses requirements.

English

Summer reading may be required; please check with your campus.

200 English I
Transcript Code: ENG 1
Credit: 1
This introductory high school course focuses on activities that build on students' prior knowledge and skills in order to strengthen their reading, writing, and oral language skills. Students will read extensively in different cultural, historical and contemporary contexts and demonstrate familiarity with works by authors from non-English speaking literary traditions with emphasis on classical literature. Students will engage in the composing process of multi-paragraph compositions including literary, expository, procedural and persuasive and demonstrate organizational structure, a controlling idea or thesis and writing for a variety of audiences.

202 English I Honors
Transcript Code: ENG 1
Credit: 1
This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further

strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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. Components will include a personal essay, response to literary-style analysis, expository, literary, procedural and persuasive. The conventions of language, syntax, the ability to write to a variety of audiences, in addition to the mechanics of writing are continuously addressed to facilitate the writing process.

206 English II

Transcript Code: ENG 2

Prerequisite: English I

Credit: 1

English II further expands and refines the skills learned in English I. The focus on writing emphasizes persuasive forms such as logical arguments and expressions of opinion. In addition, writing for a variety of audiences, rhetorical writing activities in the study of literature, expository and procedural will be addressed. English II students read extensively in multiple genres from world literature originally written in English or translated to English.

208 English II Honors

Transcript Code: ENG 2

Prerequisite: English I

Credit: 1

This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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 and analytic forms. With each type of writing, students are expected to plan, draft, revise, and edit their work. The oral and written conventions of writing are continuously reviewed and practiced in order to facilitate the writing process.

212 English III

Transcript Code: ENG 3

Prerequisite: English II

Credit: 1

English III further expands and refines the concepts and skills learned in both English II and English I. In addition, students will write longer compositions incorporating outside documentation, making rhetorical choices on audience, purpose and form, and writing a variety of persuasive, informative and analytical pieces. Students will read extensively from American literature, both classic and contemporary, with emphasis on the knowledge, history and major features of this discourse. The course will further provide extensive practice through both reading and writing in the development of critical thinking.

213 English III Honors

Transcript Code: ENG 3

Prerequisite: English II

Credit: 1

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 English Language III AP

Transcript Code: APENGLAN

Prerequisite: English II (Pre-AP recommended)

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. Students are required to take the AP English Language exam.

2161U English III Dual Credit (1301 and 1302)

Transcript Code: ENG 3

Prerequisite: English II and Lone Star College-Montgomery readiness requirements

Credit: 1

This course combines American literature with Lone Star College-Montgomery courses 1301 and 1302, language composition skills and outcomes. The course will help students become skilled readers of prose in a variety of disciplines. There is intensive study and practice in writing processes, from invention and researching to drafting, revising and editing, both individually and collaboratively. An emphasis is placed on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis is stressed. The course continues to help students with the study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. An emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions will be included.

199 AP Seminar

Transcript Code: APSMNR

Credit: 1

Grades: 11

AP Seminar is a foundation course that engages students in cross curricular conversation that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Taking this course and AP Research enables students to earn an AP Seminar and Research Certificate. If students take 4 additional AP courses and earns 3 or higher on corresponding exams students can earn a AP Capstone Diploma.

218 English IV

Transcript Code: ENG 4

Prerequisite: English III

Credit: 1

In English IV the course further expands the concepts and skills learned in earlier English classes. The focus of study will be on commonly recognized patterns of organization, precision in meaning through language and rhetorical choices, analysis of ideas, and use of

sophisticated and precise word choices. Students will read and recognize major authors, periods, forms and works in British literature. Focus will be on recurring themes, devices of propaganda, analysis of the presentation of ideas including forms of logical reasoning and techniques of persuasive language. Students will understand the application of abstract concepts and read and think critically.

211 English IV College Prep: Integrated Reading and Writing II (TSI)

Transcript Code: CPELA

Prerequisite: English III.

Credit: 1

Students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts. To learn to integrate reading and writing, students will use an inquiry approach to analyze, synthesize, and make value judgments regarding text and writing. This course is designed to prepare students for college-level reading and writing intensive courses.

219 English IV Honors

Transcript Code: ENG 4

Prerequisite: English III

Credit: 1

This in-depth study of British literature This Honors course is designed to prepare students for the next advanced course in the subject area. In an Honors course, students gain regular practice in routines and principles to further strengthen their reading, analysis, writing, problem-solving and communication skills to equip them for advanced and/or college-level work. 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 English Literature IV AP

Transcript Code: APENGLIT

Prerequisite: English III (Pre-AP recommended)

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. Students are required to take the AP English Literature exam.

205 AP Research

Transcript Code: APRES

Prerequisite: AP Seminar

Credit: 1

Grades: 12

In the AP Research course, students further their skills acquired in the AP seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Taking this course and AP Seminar enables students to earn an AP Seminar and Research Certificate. If students take 4 additional AP courses and earns 3 or higher on corresponding exams students can earn a AP Capstone Diploma.

2171U English IV Dual Credit (2332 and 2333)

Transcript Code: ENG 4

Prerequisite: English III DC (1301 or 1302) 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 with attention to 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 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.

2211U English IV Dual Credit (1301 and 1302)

Transcript Code: ENG 4

Prerequisite: English III and Lone Star College-Montgomery readiness requirements

Credit: 1

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.

224 English I SOL

Transcript Code: ENG1 SOL

225 English II SOL

Transcript Code: ENG2 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 Writing

Transcript Code: CREAT WR

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
Transcript Code: HUMANIT
Prerequisite: English II
Credit: .5-1
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
Transcript Code: HSNTENG
Credit: .5 - 1
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
Transcript Code: PRACT WR
Credit: .5 -1
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.

236H College Readiness and Study Skills
Transcript Code: CRSS
Credit: .5
This course focuses on skills necessary to enhance performance on the PSAT, SAT or ACT test.

237 Reading I
Transcript Code: READ1
238 Reading II
Transcript Code: READ2
239 Reading III
Transcript Code: READ3
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.

266 Oral Interpretation I
Transcript Code: ORAL INT I
Credit: 1
266 Oral Interpretation II
Transcript Code: ORAL INT I
Credit: 1
266 Oral Interpretation III
Transcript Code: ORAL INT I
Credit: 1
In these courses, students will select, research, analyze, adapt, interpret, and perform literary texts as a communication art. Students focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of the author's work. Individual or group performances of literature will be presented and evaluated.

275 Research and Technical Writing
Transcript Code: TECHWR
Credit: 1
This rigorous composition course provides students with an in-depth study of writing in the academic disciplines through their own practice and by providing tutoring at the high school Writing Center. All students are expected to demonstrate an understanding of the writing process, and to effectively apply the conventions of usage and the mechanics of written English. The student's evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop, and apply criteria for effective writing, and set their own goals as writers.

279 Independent Study in English - Year I
Transcript Code: INDENG
Prerequisite: English II and Interview Process
Credit: 1
Grades: 11-12
Course would serve as 1st year course for Writing Tutors. This rigorous composition course provides students with an in-depth study of writing in the academic disciplines through their own practice and by providing tutoring at the high school Writing Center. All students are expected to demonstrate an understanding of the writing process, and to effectively apply the conventions of usage and the mechanics of written English. The student's evaluation of their own writing, as well as the writing of others ensures that students completing the course are able to analyze and discuss published and unpublished pieces of writing, develop, and apply criteria for effective writing, and set their own goals as writers.

280 Independent Study in English - Year II
Transcript Code: INDENG2
Prerequisite: Independent Study in English I
Credit: 1
Grades: 11-12
Course would serve as 2nd year course for Writing Tutors. This rigorous composition course builds on the principles of in-depth study of writing in the academic disciplines through the practice of providing tutoring at the high school writing center. All students are expected to demonstrate an understanding of the writing process, and to effectively apply the conventions of usage and the mechanics of written English to their own writing and the writing of their peers'. Year Two tutors will further their understanding of self-reflection and evaluation by completing a writing portfolio that includes an in-depth research paper of writing in a chosen profession, and at least two analytical pieces of writing across disciplines. In addition, a Year Two writing tutor will take on mentoring responsibilities of the Year One tutors, leadership roles in the administration and efficient running of the center, and actively participate in recruiting future tutors.

292 Dyslexic Reading I
Transcript Code: READ1
293 Dyslexic Reading II
Transcript Code: READ2
294 Dyslexic Reading III
Transcript Code: READ3
Credit: 1
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
Transcript Code: JRNLSM
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
Transcript Code: JRNLSM
Credit: 1

243 Advanced Broadcast Journalism I
Transcript Code: BRCTJOR1
Prerequisite: Journalism
Credit: 1
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, producing the Video Yearbook.

244 Advanced Broadcast Journalism II
Transcript Code: BRCTJOR2
Prerequisite: Advanced Broadcast Journalism I
Credit: 1

245 Advanced Broadcast Journalism III
Transcript Code: BRCTJOR3
Credit: 1
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, producing the Video Yearbook.

246 Advanced Journalism Literary Magazine I
Transcript Code: LM1
Prerequisite: Journalism
Credit: 1

247 Advanced Journalism Literary Magazine II
Transcript Code: LM2
Credit: 1
This course allows students to further develop magazine production skill and participate in publishing the High School Literary Magazine.

250 Advanced Journalism Newspaper I
Transcript Code: NP1
Prerequisite: Journalism
Credit: 1

251 Advanced Journalism Newspaper II
Transcript Code: NP2
Credit: 1

252 Advanced Journalism Newspaper III
Transcript Code: NP3
Credit: 1
These classes produce the high school newspaper. Elements covered include interviewing, writing, editing, selling advertisements and creating a visually pleasing graphic design.

253 IS: Journalism – Newspaper
Transcript Code: IND JOUR
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.

254 Advanced Journalism Yearbook I
Transcript Code: YBK1
Prerequisite: Journalism
Credit: 1

255 Advanced Journalism Yearbook II
Transcript Code: YBK2
Credit: 1

256 Advanced Journalism Yearbook III
Transcript Code: YBK3
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, shooting and editing photographs to fit an overall page and cooperating with persons and organizations in developing a product.

257 IS: Journalism – Yearbook
Transcript Code: IND JOUR
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, shooting and editing photographs to fit an overall page and cooperating with persons and organizations in developing a product.

258 Photojournalism
Transcript Code: PHOTJOUR
Prerequisite: English I
Credit: 1
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.

259H IS: Journalism Photojournalism
Transcript Code: INDJOUR
Prerequisite: Photojournalism
Credit: .5
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.

Speech and Debate

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

261 Debate I
Transcript Code: DEBATE 1
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
Transcript Code: DEBATE 2
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
Transcript Code: DEBATE 3
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
Transcript Code: IND SPCH
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.

Languages other than English (LOTE)

297 Special Topics in Language and Culture
Transcript Code: SPECTLC
Prerequisite: One successful year of any foreign language and committee approval.
Credit: 1
This course provides students with the study of world languages in the 21st century and an understanding of the two basic aspects of human existence: the nature of communication and the complexity of culture. **This course meets the graduation requirement of a level II LOTE; however, this does not satisfy the college admissions requirement for 2nd year of LOTE.**

300 Spanish I
Transcript Code: SPAN 1
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 and weather. Oral and written practices are stressed.

301 Spanish II
Transcript Code: SPAN 2
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 IIG
Transcript Code: SPAN2
Prerequisite: Spanish I
Credit: 1
This course is designed for students who plan to advance to higher-level Spanish courses. The rigor is designed for students going on to take Spanish III and higher. 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.

302 Spanish III
Transcript Code: SPAN 3
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 Transcript Code: SPAN 3
Prerequisite: Spanish IIG Recommended
Credit: 1
This course is designed for students who plan to advance to higher-level Spanish courses. Emphasis is on oral and written communication through continued study of conversation, writing, reading, acquisition of vocabulary, and advanced grammar concepts. Students are also taught to develop higher level thinking skills in Spanish such as synthesis, analysis, and evaluation. Spanish is spoken in the classroom most of the time.

305 Spanish IV AP – Language
Transcript Code: APSPALAN
Prerequisite: Spanish III PAP Recommended
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 almost exclusively. Students are required to take the AP Spanish Language exam.

306 Spanish V AP – Literature
Transcript Code: SPSPALIT
Prerequisite: Spanish III Pre-AP (303) or Spanish AP
Credit: 1
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 almost exclusively. Students are required to take the AP Spanish Literature exam.

3091U Spanish IV Dual Credit
Transcript Code: SPAN4
Prerequisite: Spanish III Pre-AP (303), Lone Star Montgomery's readiness requirements and their Avant Placement test
Credit: 1
This course stresses both oral and written exercises to increase vocabulary expansion of grammatical principles and short themes written on a variety of topics. Selected readings are included to improve comprehension in Spanish. As the course progresses, there will be continued emphasis on works by Spanish speaking authors and reinforcement of both grammatical principles and writing skills. Spanish is spoken in the classroom almost exclusively.

311 Spanish II NS
Transcript Code: SSSPAN2
Credit: 1
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.

320 French I
Transcript Code: FREN 1
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
Transcript Code: FREN 2
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 Transcript Code: FREN 3
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 French IV AP – Language
Transcript Code: APFR LAN
Prerequisite: French III Pre-AP (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. Students are required to take the AP French Language exam.

340 German I
Transcript Code: GERMAN 1
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
Transcript Code: GERMAN 2
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
Transcript Code: GERMAN 3
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 German IV AP LANGUAGE
Transcript Code: APGR LAN
Prerequisite: German III Pre-AP
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. Students are required to take the AP German Language exam.

370 Japanese I
Transcript Code: JAPN 1
Credit: 1
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
Transcript Code: JAPN 2
Prerequisite: Japanese I
Credit: 1
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 Pre-AP
Transcript Code: JAPN 3
Prerequisite: Japanese II
Credit: 1
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 Japanese IV AP
Transcript Code: APJAP LAN
Prerequisite: Japanese III Pre-AP
Credit: 1
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. Students are required to take the AP Japanese Language exam.

385 Chinese I
Transcript Code: CHIN 1
Credit: 1
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
Transcript Code: CHIN 2
Prerequisite: Chinese I
Credit: 1
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
Transcript Code: CHIN 3
Prerequisite: Chinese II
Credit: 1
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 Chinese IV AP Language
Transcript Code: APCH LAN
Prerequisite: Chinese III Pre-AP
Credit: 1
This course continues the study of Mandarin Chinese and follows the College Board curriculum to prepare students for the Advanced Placement exam. Students are required to take the AP Chinese Language exam.

Fine Arts

Fees may be applicable for all Fine Arts Courses. Check with your school for more information.

398 Three-Dimensional Design Portfolio AP
Transcript Code: AP3DDP
Prerequisite: Ceramics I or Sculpture I
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. Students are required to submit a portfolio for the AP Three-Dimensional Art exam.

439 Art Appreciation
Transcript Code: ART1APP
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. This course is taught from a survey of Art perspective with limited studio activities in drawing, painting, photography, printmaking, ceramics and sculpture. This course is an appropriate type of Fine Arts Credit for those who do not wish to continue in Art. Also, this course provides an appropriate Fine Arts elective option for students who move in and /or are trying to earn Fine Arts Credit late in HS.

400 Art I
Transcript Code: ART 1
Credit: 1
This is a one-year foundation course. Thorough 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. This course is designed for students who plan to advance to higher level Art courses in a coherent sequence. The rigor of this course is designed for students going on to take Art II and beyond.

401 Art II Ceramics
Transcript Code: ART2CRMC
Prerequisite: Art
Credit: 1
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
Transcript Code: ART2DRAW
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 Digital Art and Media I
Transcript Code: ART2DGMD
Prerequisite: Art I
Credit: 1
Students will learn to create artwork on computers using the applications of Adobe Creative Suite. Digital Art will be produced in Photoshop or Illustrator. Digital cameras, graphics tablets, and scanners will be used to combine color graphics, digital photos, and art work created in traditional media. This course will explore animation using flash. Students will need to furnish a portable external drive for storing digital work (i.e., flash drive, thumb drive, etc.).

406 Art II Painting
Transcript Code: ART2PATG
Prerequisite: Art, Level 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
Transcript Code: ART2PHTO
Prerequisite: Art I
Credit: 1
This course offers an in-depth study of the camera and photography techniques. Assignments are given to practice using the camera, requiring at least 25-30 shots per week as homework. Students will keep a portfolio of work. The focus will be solely on fine arts images. School using the traditional darkroom will teach film development and printing. Schools using a digital darkroom will teach Photoshop. Students in digital darkroom classes will need to furnish a portable external drive (flash drive, thumb drive, etc.) for storing digital work.

409 Art II Sculpture
Transcript Code: ART2SCLP
Prerequisite: Art I
Credit: 1
This course will encompass the development of creative problem solving and practical skills in three-dimensional design. Clay and various other materials will be used. Many power and hand tools will be safely used while working with woods. Art history, appreciation, aesthetics and criticism will be integrated into studio practice.

415 Art III Ceramics
Transcript Code: ART3CRMC
Prerequisite: Art II in corresponding discipline.
Credit: 1
Students will build on the ceramics skills and study learned in Ceramics 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
Transcript Code: ART3DRAW
Prerequisite: Art II in corresponding discipline.
Credit: 1
Students will build on the drawings skills and study learned 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 Digital Art and Media II
Transcript Code: ART3DGMD
Prerequisite: Art II in corresponding discipline.
Credit: 1
Students will continue use of the software programs and equipment used in Digital Art and Media I. 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
Transcript Code: ART3PATG
Prerequisite: Art II in corresponding discipline.
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
Transcript Code: ART3PHTO
Prerequisite: Art II in corresponding discipline.
Credit: 1
Art III Photography is a continuation of Photography II with more advanced camera techniques and a broader scope of creative exploration. Students will need to furnish a portable external drive for storing digital work (i.e., flash drive, thumb drive, etc.).

422 Art III Sculpture
Transcript Code: ART3SCLP
Prerequisite: Art II in corresponding discipline.
Credit: 1
This course will develop problem-solving skills while working three-dimensionally with various materials, which may include clay, wood, stone, and plaster as well as mixed media. Emphasis will be on exploring individual ideas. Art history, appreciation, aesthetics and criticism will be integrated with studio practice.

425 Art IV Drawing
Transcript Code: ART4DRAW
Prerequisite: Art III in corresponding discipline.
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 Digital Art and Media III
Transcript Code: ART4GDMD
Prerequisite: Art III in corresponding discipline.
Credit: 1
This is a continuation of skills and concepts from Digital Art and Media II with extensive individual exploration and independent study. Students will continue use of the software and equipment used in Digital Art and Media II. Students will need to furnish a

portable external drive for storing digital work (i.e., flash drive, thumb drive, etc.)

428 Art IV Painting
Transcript Code: ART4PATG
Prerequisite: Art III in corresponding discipline.
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
Transcript Code: ART4SCLP
Prerequisite: Art III in corresponding discipline.
Credit: 1
This is a continuation of skills and concepts from Art III with extensive individual exploration and independent study.

432 Art IV Photography
Transcript Code: ART4PHTO
Prerequisite: Art III in corresponding discipline.
Credit: 1
This course offers students an opportunity to choose a concentration in Photography with more in-depth study of advanced photography and individual portfolio development. Students will need to furnish a portable external drive for storing digital work (i.e., flash drive, thumb drive, etc.).

435 Art Drawing AP
Transcript Code: APSTARTD
Prerequisite: Drawing II or Painting II or portfolio review
Credit: 1
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. Students are required to submit a portfolio for the AP Art Drawing exam.

437 Art History AP
Transcript Code: APHISART
Prerequisite or concurrent: World History (AP recommended)
Credit: 1
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. Students are required to take the AP Art History exam.

438 Art IV Ceramics
Transcript Code: ART4CRMC
Prerequisite: Art III in corresponding discipline.
Credit: 1
Students will resume Ceramics study begun in Art III with an eye toward specialization.

866 Digital Art and Animation
Transcript Code: TADGAA
Credit: 1
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 and Macromedia's.

440 Theatre I
Transcript Code: TH1
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. Students may choose to participate in co-curricular drama activities by the department.

441 Theatre II
Transcript Code: TH2
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 and theatre history. Participation in co-curricular activities outside of the class is required.

442 Theatre III
Transcript Code: TH3
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 include playwritings. Participation in co-curricular activities outside of the class is required.

443 Theatre IV
Transcript Code: TH4
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. Production participation (including after school rehearsals, meetings, and performances) is required by all Theatre Arts IV students.

445 Theatre Production I
Transcript Code: TH1PROD
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
Transcript Code: TH2PROD
447 Theatre Production III
Transcript Code: TH3PROD
448 Theatre Production IV
Transcript Code: TH4PROD
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 Musical Theatre I
Transcript Code: MUSTH1
Prerequisite: Theatre Production III
Credit: 1
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.

454 Musical Theatre II
Transcript Code: MUSTH2
Credit: 1
529 Musical Theatre III
Transcript Code: MUSTH3
Credit: 1
553 Musical Theatre IV
Transcript Code: MUSTH4
Credit: 1
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
Transcript Code: TH1TECH
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
Transcript Code: TH2TECH
457 Technical Theatre III
Transcript Code: TH3TECH
458 Technical Theatre IV
Transcript Code: TH4TECH
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
Transcript Code: DIR SEMR LC
Prerequisite: 3 previous Theatre Arts credits
Credit: Local Credit
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.

391 Varsity Band I
Transcript Code: MUS1BAND
392 Varsity Band II
Transcript Code: MUS2BAND
393 Varsity Band III
Transcript Code: MUS3BAND
394 Varsity Band IV
Transcript Code: MUS4BAND
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. 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.

395 Percussion Battery I
Transcript Code: MUS1BAND
411 Percussion Battery II
Transcript Code: MUS2BAND
412 Percussion Battery III
Transcript Code: MUS3BAND
413 Percussion Battery IV
Transcript Code: MUS4BAND
Prerequisite: By audition
Credit: 1
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.

464 Percussion Pit I
Transcript Code: MUS1BAND
474 Percussion Pit II
Transcript Code: MUS2BAND
479 Percussion Pit III
Transcript Code: MUS3BAND
484 Percussion Pit IV
Transcript Code: MUS4BAND
Prerequisite: By audition
Credit: 1
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.

465 Concert Band I
Transcript Code: MUS1BAND
466 Concert Band II
Transcript Code: MUS2BAND
467 Concert Band III
Transcript Code: MUS3BAND
468 Concert Band IV
Transcript Code: MUS4BAND
Prerequisite: By audition
Credit: 1
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.

470 Instrumental Ensemble I
Transcript Code: MUS1INEN
471 Instrumental Ensemble II
Transcript Code: MUS2INEN
472 Instrumental Ensemble III
Transcript Code: MUS3INEN
473 Instrumental Ensemble IV
Transcript Code: MUS4INEN
Prerequisite: By audition
Credit: 1
This course is designed for students who desire independent instrumental study. The course is self-paced and monitored regularly by the ensemble director who approves the student from enrollment. Students in this course are expected to demonstrate advanced levels of musical skill, and are responsible for participation in TMEA and UIL activities, as well as program requirements. Enrollment in this class must be concurrent with membership in another instrumental ensemble.

480 Jazz Ensemble I
Transcript Code: MUS1JZBN
481 Jazz Ensemble II
Transcript Code: MUS2JZBN
482 Jazz Ensemble III
Transcript Code: MUS3JZBN
483 Jazz Ensemble IV
Transcript Code: MUS4JZBN
Prerequisite: By audition
Credit: 1
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
Transcript Code: MUS1BAND
486 Percussion Ensemble II
Transcript Code: MUS2BAND
487 Percussion Ensemble III
Transcript Code: MUS3BAND
488 Percussion Ensemble IV
Transcript Code: MUS4BAND
Prerequisite: By audition
Credit: 1
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.

489 Camerata Orchestra I
Transcript Code: MUS1ORCH
514 Camerata Orchestra II
Transcript Code: MUS2ORCH
519 Camerata Orchestra III
Transcript Code: MUS3ORCH
524 Camerata Orchestra IV
Transcript Code: MUS4ORCH
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 UIL and TMEA 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.

490 Symphonic Band I
Transcript Code: MUS1BAND
491 Symphonic Band II
Transcript Code: MUS2BAND
492 Symphonic Band III
Transcript Code: MUS3BAND
493 Symphonic Band IV
Transcript Code: MUS3BAND
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
Transcript Code: MUS1ORCH
499 Chamber Orchestra II
Transcript Code: MUS2ORCH
504 Chamber Orchestra III
Transcript Code: MUS3ORCH
509 Chamber Orchestra IV
Transcript Code: MUS4ORCH
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 UIL and TMEA 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.

495 Wind Ensemble I

Transcript Code: MS1BAND
496 Wind Ensemble II
Transcript Code: MUS2BAND
497 Wind Ensemble III
Transcript Code: MUS3BAND
498 Wind Ensemble IV
Transcript Code: MUS4BAND
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 Philharmonic Orchestra I
Transcript Code: MUS1ORCH
501 Philharmonic Orchestra II
Transcript Code: MUS2ORCH
502 Philharmonic Orchestra III
Transcript Code: MUS3ORCH
503 Philharmonic Orchestra IV
Transcript Code: MUS4ORCH
Prerequisite: By audition
Credit: 1
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.

505 Symphonic Orchestra I
Transcript Code: MUS1ORCH
506 Symphonic Orchestra II
Transcript Code: MUS2ORCH
507 Symphonic Orchestra III
Transcript Code: MUS3ORCH
508 Symphonic Orchestra IV
Transcript Code: MUS4ORCH
Prerequisite: By audition
Credit: 1
This is the non-varsity ensemble with moderate performance demands. The orchestra will participate in concerts, UIL and TMEA 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 orchestra string instrumentalists only.

534 Sinfonietta Orchestra I
Transcript Code: MUS1ORCH
539 Sinfonietta Orchestra II
Transcript Code: MUS2ORCH
547 Sinfonietta Orchestra III
Transcript Code: MUS3ORCH
548 Sinfonietta Orchestra IV
Transcript Code: MUS4ORCH
Prerequisite: By audition
Credit: 1
This is the non-varsity ensemble with moderate performance demands. The orchestra will participate in concerts, UIL and TMEA 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 orchestra string instrumentalists only.

450 NV Tenor-Bass Choir I
Transcript Code: MUS1CHOR
451 NV Tenor-Bass Choir II
Transcript Code: MUS2CHOR
452 NV Tenor-Bass Choir III
Transcript Code: MUS3CHOR
453 NV Tenor-Bass Choir IV
Transcript Code: MUS4CHOR
Prerequisite: By audition
Credit: 1
The Non Varsity Tenor-Base Choir is a choral organization for Tenor-Bass 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.

510 A Cappella Choir I
Transcript Code: MUS1CHOR
511 A Cappella Choir II
Transcript Code: MUS2CHOR
512 A Cappella Choir III
Transcript Code: MUS3CHOR
513 A Cappella Choir IV
Transcript Code: MUS4CHOR
Prerequisite: By audition
Credit: 1
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
Transcript Code: MUS1VOEN
516 Chamber Choir II
Transcript Code: MUS2VOEN
517 Chamber Choir III
Transcript Code: MUS3VOEN
518 Chamber Choir IV
Transcript Code: MUS4VOEN
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 V Tenor-Bass Choir I
Transcript Code: MUS1CHOR
521 V Tenor-Bass Choir II
Transcript Code: MUS2CHOR
522 V Tenor-Bass Choir III
Transcript Code: MUS3CHOR
523 V Tenor-Bass Choir IV
Transcript Code: MUS4CHOR
Prerequisite: By audition
Credit: 1
The Varsity Tenor-Base Choir is a choral organization for Tenor and Bass 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 Sub NV Treble Choir I
Transcript Code: MUS1CHOR
526 Sub NV Treble Choir II
Transcript Code: MUS2CHOR
527 Sub NV Treble Choir III
Transcript Code: MUS3CHOR
528 Sub NV Treble Choir IV
Transcript Code: MUS4CHOR
Prerequisite: By audition
Credit: 1
The Sub Non Varsity Treble Choir is a choral organization for Soprano and Alto 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.

530 NV Treble Choir I
Transcript Code: MUS1CHOR
531 NV Treble Choir II
Transcript Code: MUS2CHOR
532 NV Treble Choir III
Transcript Code: MUS3CHOR
533 NV Treble Choir IV
Transcript Code: MUS4CHOR
Prerequisite: By audition
Credit: 1
The Non Varsity Treble Choir is a choral organization for Soprano and Alto 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 Treble Choir I
Transcript Code: MUS1CHOR
536 Varsity Treble Choir II
Transcript Code: MUS2CHOR
537 Varsity Treble Choir III
Transcript Code: MUS3CHOR
538 Varsity Treble Choir IV
Transcript Code: MUS4CHOR
Prerequisite: By audition
Credit: 1
Varsity Treble 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
Transcript Code: MUS1VOEN
541 Vocal Ensemble II
Transcript Code: MUS2VOEN
542 Vocal Ensemble III
Transcript Code: MUS3VOEN
543 Vocal Ensemble IV
Transcript Code: MUS4VOEN
Prerequisite: By audition
Credit: 1

550 Music Theory I
Transcript Code: MUSSMT1
Credit: .5 – 1
Grades: 10-12
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. Students desiring to take this course must demonstrate readiness with aural skills and written knowledge. This readiness can be validated through successful completion of at least one year in a high school level music ensemble or through independent study with a minimum of 85% mastery of an examination for readiness.

552 Music Theory AP
Transcript Code: APMUSTHY
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. Students desiring to take this course must demonstrate readiness with aural skills and written knowledge. This readiness can be validated by successful completion of the Music Theory I course or through a minimum of 85% mastery of an examination for Music Theory AP readiness.

555 Dance I
Transcript Code: DANCE 1
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 and visually; 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
Transcript Code: DANCE 2
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
Transcript Code: DANCE 3
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
Transcript Code: DANCE 4
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.

560 Cheer Dance I
Transcript Code: DANCE 1
561 Cheer Dance II
Transcript Code: DANCE 2
562 Cheer Dance III
Transcript Code: DANCE 3
563 Cheer Dance IV
Transcript Code: DANCE 4
Credit: 1

565 Drill Dance I
Transcript Code: DANCE 1
566 Drill Dance II
Transcript Code: DANCE 2
567 Drill Dance III
Transcript Code: DANCE 3
568 Drill Dance IV
Transcript Code: DANCE 4
Credit: 1
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
Transcript Code: CHOREOGR LC
Prerequisite: Dance III (557)
Credit: Local credit
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.

571 Dance I: Break Dance
Transcript Code: DANCE 1

572 Dance II: Break Dance
Transcript Code: DANCE 2
573 Dance III: Break Dance
Transcript Code: DANCE 3
Credit: 1
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

080H Health
Transcript Code: HLTH ED
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 Foundations of Personal Fitness
Transcript Code: PEFOUND
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
Transcript Code: PEAA
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 Adventure/Outdoor Education
Transcript Code: PEADA
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
Transcript Code: PEITS
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.

5851 Baseball I
Transcript Code: SUBATH1
5852 Baseball II
Transcript Code: SUBATH2
5853 Baseball III
Transcript Code: SUBATH3
5854 Baseball IV
Transcript Code: SUBATH4
Credit: .5 - 1

5881 Basketball Boys I
Transcript Code: SUBATH1
5882 Basketball Boys II
Transcript Code: SUBATH2
5883 Basketball Boys III
Transcript Code: SUBATH3
5884 Basketball Boys IV
Transcript Code: SUBATH4
Credit: .5 – 1

5911 Basketball Girls I
Transcript Code: SUBATH1
5912 Basketball Girls II
Transcript Code: SUBATH2
5913 Basketball Girls III
Transcript Code: SUBATH3
5914 Basketball Girls IV
Transcript Code: SUBATH4
Credit: .5 - 1

5951 Cheerleading PE
Transcript Code: SUBCHLDG
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
Transcript Code: SUBATH1
5992 Cross Country Boys II
Transcript Code: SUBATH2
5993 Cross Country Boys III
Transcript Code: SUBATH3
5994 Cross Country Boys IV
Transcript Code: SUBATH4
Credit: .5 - 1

6001 Cross Country Girls I
Transcript Code: SUBATH1
6002 Cross Country Girls II
Transcript Code: SUBATH2
6003 Cross Country Girls III
Transcript Code: SUBATH3
6004 Cross Country Girls IV
Transcript Code: SUBATH4
Credit: .5 – 1

6011 Dance Aerobic Activities
Transcript Code: PEAA
Credit: .5 - 1

6051 Diving I
Transcript Code: SUBATH1
6052 Diving II
Transcript Code: SUBATH2
6053 Diving III
Transcript Code: SUBATH3
6054 Diving IV
Transcript Code: SUBATH4
Credit: .5 - 1

6061 Drill Team PE
Transcript Code: SUBDT
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
Transcript Code: SUBATH1
6102 Football II
Transcript Code: SUBATH2
6103 Football III
Transcript Code: SUBATH3
6104 Football IV
Transcript Code: SUBATH4
Credit: .5 - 1

6131 Golf Boys I
Transcript Code: SUBATH1
6132 Golf Boys II
Transcript Code: SUBATH2
6133 Golf Boys III
Transcript Code: SUBATH3
6134 Golf Boys IV
Transcript Code: SUBATH4
Credit: .5 – 1

6161 Golf Girls I
Transcript Code: SUBATH1
6162 Golf Girls II
Transcript Code: SUBATH2
6163 Golf Girls III
Transcript Code: SUBATH3
6164 Golf Girls IV
Transcript Code: SUBATH4
Credit: .5 - 1

6191 Soccer Boys I
Transcript Code: SUBATH1
6192 Soccer Boys II
Transcript Code: SUBATH2
6193 Soccer Boys III
Transcript Code: SUBATH3
6194 Soccer Boys IV
Transcript Code: SUBATH4
Credit: .5 – 1

6221 Soccer Girls I
Transcript Code: SUBATH1
6222 Soccer Girls II
Transcript Code: SUBATH2
6223 Soccer Girls III
Transcript Code: SUBATH3
6224 Soccer Girls IV
Transcript Code: SUBATH4
Credit: .5 - 1

6251 Softball I
Transcript Code: SUBATH1
6252 Softball II
Transcript Code: SUBATH2
6253 Softball III
Transcript Code: SUBATH3
6254 Softball IV
Transcript Code: SUBATH4
Credit: .5 - 1

6261 Swim I
Transcript Code: SUBATH1
6262 Swim II
Transcript Code: SUBATH2
6263 Swim III
Transcript Code: SUBATH3
6264 Swim IV
Transcript Code: SUBATH4
Credit: .5 - 1

6281 Tennis I
Transcript Code: SUBATH1
6282 Tennis II
Transcript Code: SUBATH2
6283 Tennis III
Transcript Code: SUBATH3
6284 Tennis IV
Transcript Code: SUBATH4
Credit: .5 – 1

6311 Track Boys I
Transcript Code: SUBATH1
6312 Track Boys II
Transcript Code: SUBATH2
6313 Track Boys III
Transcript Code: SUBATH3
6314 Track Boys IV
Transcript Code: SUBATH4
Credit: .5 - 1

6321 Track Girls I
Transcript Code: SUBATH1
6322 Track Girls II
Transcript Code: SUBATH2
6323 Track Girls III
Transcript Code: SUBATH3
6324 Track Girls IV
Transcript Code: SUBATH4
Credit: .5 - 1

6341 Volleyball I
Transcript Code: SUBATH1
6342 Volleyball II
Transcript Code: SUBATH2
6343 Volleyball III
Transcript Code: SUBATH3
6344 Volleyball IV
Transcript Code: SUBATH4
Credit: .5 - 1

6371 Wrestling I
Transcript Code: SUBATH1
6372 Wrestling II
Transcript Code: SUBATH2
6373 Wrestling III
Transcript Code: SUBATH3
6374 Wrestling IV
Transcript Code: SUBATH4

Credit: .5 - 1

6381 Marching Band I PE
Transcript Code: SUBMB
Prerequisite: By audition
Credit: 1

6451 Off-Campus PE I
Transcript Code: SUBPRO1
6452 Off-Campus PE II
Transcript Code: SUBPRO2
6453 Off-Campus PE III
Transcript Code: SUBPRO3
6454 Off-Campus PE IV
Transcript Code: SUBPRO4
Credit: .5 - 1

6471 Color Guard I
Transcript Code: SUBMB
6472 Color Guard II
Transcript Code: DANCE2
6473 Color Guard III
Transcript Code: DANCE3
6474 Color Guard IV
Transcript Code: DANCE4
Credit: .5 - 1

8801 ROTC 1 PE
Transcript Code: SUBJ1
Credit: 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
Transcript Code: PRINAFR
Credit: 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)
Transcript Code: LIVEPROD
Credit: 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.

K103H Small Animal Management
Prerequisite: Principles of Agriculture, Food & Natural Resources (Recommended)
Transcript Code: SMANIMGT
Credit: .5
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.

K104H Equine Science
Prerequisite: Principles of Agriculture, Food & Natural Resources (Recommended)
Transcript Code: EQUINSCI
Credit: .5
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
Prerequisites: Principles of Agriculture, Food & Natural Resources, Small Animal Management and either Equine Science or Livestock Production (Required)
Transcript Code: VETMEDAP
Credit: 1
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
Prerequisites: Veterinary Medical Applications
Transcript Code: ADVANSCI
Credit: 1
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.

K112 Food Technology and Safety
Transcript Code: FOODTS
Credit: 1
This course examines the food technology industry as it relates to food production, handling, and safety.

K113 Food Processing
Prerequisite: Food Technology and Safety (Recommended)
Transcript Code: FOODPRO
Credit: 1
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)
Transcript Code: WFECGT
Credit: 1
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.

K117 Floral Design
Prerequisite: Principles of Agriculture, Food & Natural Resources (Recommended)
Transcript Code: FLORAL
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. May meet Fine Art credit requirement.

K126 Advanced Floral Design/Floral 2
Transcript Code: ADVFLDES
Prerequisite: Floral Design
Credit: 1
In this course, students build on the knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. An emphasis on budgetary adherence and entrepreneurship will help equip students with many of the necessary skills needed for success in floral enterprises.

K118H Landscape Design & Management
Prerequisite: Principles of Agriculture, Food & Natural Resources (Recommended)
Transcript Code: LNDMGT

Credit: .5
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 (Recommended)
Transcript Code: HORTISCI
Credit: 1
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 (Recommended)
Transcript Code: AGMECHMT
Credit: 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 Structures Design & Fabrication / Lab
Prerequisite: Agriculture Mechanics and Metals
Transcript Code: AGSDF
Credit: 1
Introduce and develop principles of electricity. Geographic Information Systems (GIS), working with concrete, water-management systems, masonry, drywall, and roofing materials.

K1222 Agricultural Structures Design & Fabrication / Lab
Prerequisite: Agriculture Mechanics and Metal Technologies
Grades 11-12
Transcript Code: AGSDFLAB
Credit: 2
In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication.

K127 Agricultural Equipment Design & Fabrication
Transcript Code: AGEQDF
Credit: 1
Students will develop plans for and use welding and hand tools to construct and maintain fences, corrals, and other agricultural enclosures.

K128K Extended Practicum in Agriculture, Food, and Natural Resources
Transcript Code: EXPRAFRN
Credit: 3
This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories.

K1232 Agricultural Power Systems
Prerequisite: Principles of Agriculture, Food, and Natural Resources (Recommended)
Grades 10-12
Transcript Code: AGPOWSYS
Credit: 2
Agricultural Power Systems is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the workplace; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations.

K1242 Practicum in Agriculture, Food & Natural Resources
Prerequisite: Advanced courses in Agriculture, Food & Natural Resources
Transcript Code: PRACAFNR
Credit: 2
Provides students the opportunity and support for a paid or non-paid internship in the animal care/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 are enrolled in or have completed Veterinary Medical Application. Students in this course can work on level 1 or level 2 skills and certifications.

K1292 Agricultural Equipment Design & Fabrication with Lab
Prerequisite: Ag. Mechanics and Metal Technologies (Recommended)
Grades: 11-12
Transcript Code: AGEQDFLAB
Credit: 2
Students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

Architecture & Construction

K150 Principles of Architecture
Transcript Code: PRINARC
Credit: 1
Introduces students to the basic knowledge and skills related to the career opportunities and training in the architecture and construction fields.

K151 Interior Design I
Transcript Code: INTERDS1
Credit: 1
Prerequisite:
Algebra I and English I (Required)
Principles of Architecture & Construction (Recommended)
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.

K1522 Interior Design II
Prerequisite: Interior Design I, Geometry and English II (Required)
Transcript Code: INTERDS2
Credit: 2
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.

K176K Extended Practicum in Architectural Design
Transcript Code: EXPRADS1
Co-requisite: This course must be taken concurrently with Practicum in Architectural Design
Prerequisite: Architectural Design II (Required)
Credit: 3
This is an occupationally specific course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study.

K155 Architectural Design I
Prerequisite: Algebra I and English (Required)
Geometry, & Principles of Architecture & Construction (Recommended)
Transcript Code: ARCHDSN1
Credit: 1
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.

K1562 Architectural Design II
Transcript Code: ARCHDSN2
Prerequisites: Architectural Design I and Geometry (Required)
Credit: 2
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.

K1572 Practicum in Architectural Design
Transcript Code: PRACADS1
Prerequisite: Architectural Design II (Required)
Credit: 2
Practicum in Architectural Design is an occupationally specific course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study.

K174 Principles of Construction
Transcript Code: PRINCON
Credit: 1
Principles of Architecture and Construction provides an overview to the various fields of architecture, interior design, construction science, and construction technology. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Job-specific, skilled training can be provided through the use of training modules to identify career goals in trade and industry areas. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology Applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging; and reading technical drawings.

K1612 Construction Technology I
Transcript Code: CONTECH1
Credit: 2
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.

K1622 Construction Technology II
Prerequisite: Construction Technology I (Reequired)
Transcript Code: CONTECH2
Credit: 2
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.

K1722 Practicum in Construction Management
Prerequisite: Construction Technology II (Required)
Transcript Code: PRACCM1
Credit: 2
This course is recommended for students in Grade 12. It is an occupationally-specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

K1772 Practicum in Construction Technology
Transcript Code: PRACCT1
Prerequisite: Construction Technology II (Required)
Credit: 2
This is an occupationally-specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

K178K Extended Practicum in Construction Technology
Transcript Code: EXPRCT1
Prerequisite: Construction Technology II (Required)
Credit: 3
This is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

Arts, A/V Technology & Communications

K200 Principles of Arts, A/V Technology & Communication
Transcript Code: PRINAAVTC
Credit: 1
Careers in the Arts, Audio/Video Technology and Communications Career Cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Within this contexts, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and education requirements for those opportunities.

K201 Animation I
Prerequisite: Art I Principles of Arts, A/V Technology & Communication (recommended)
Transcript Code: ANIMAT1
Credit: 1
Students are introduced to the history, development and direction of the animation industry. The principles of animation are studied and implemented in each successive project as students develop their understanding of various animation techniques and build their skills in each application. Students will use software for 2-dimensional animations (Flash) and 3-dimensional modeling and animation (Anim8or and Maya). Students will design and produce animations and models for various media, from praxinoscopes and zoetropes to Flash movies and Maya models in 3D.

K2262 Animation I with Lab
Co-requisite: Animation I (cannot be taken as a stand-alone course)
Transcript Code: ANILAB1
Credit: 2
Grades: 10-12
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 Animation II
Prerequisite: Animation I or Animation I with Lab (Required)
Transcript Code: ANIMAT2
Credit: 1
Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Visual Technology, and Communications Career Cluster, students will expected to create two- and three-dimensional animations. The instruction also assists students seeking careers in the animation industry.

K2272 Animation II with Lab
Transcript Code: ANILAB2
Credit: 2
Grades: 11-12
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.

K2282 Practicum in Animation
Prerequisite: Animation II or Animation II with Lab (Required)
Transcript Code: PRACANI1
Credit: 2
Grades: 11-12
Building upon the concepts taught in Animation II and its Co-requisite Animation II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation products in a professional environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

K229K Extended Practicum in Animation
Prerequisite: Animation II or Animation II with Lab (Required)
Transcript Code: EXPRANI1
Credit: 3
Grades: 11-12
This course must be taken concurrently with Practicum in Animation and may not be taken as a stand-alone course. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

K203 Audio/Video Production I
Prerequisite: Principles of Arts, A/V, Technology & Communication (Recommended)
Transcript Code: AVPROD1
Credit: 1
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.

K2302 Audio/Video Production I with Lab
Transcript Code: AVPLAB1
Credit: 2
Grades: 9-12
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 industry with a focus on pre-production, production, and post-production audio and video products. Requiring a lab Co-requisite for the course affords necessary time devoted specifically to the production and post-production process.

K204 Audio/Video Production II
Prerequisite: Audio Video Production I or AV Production I with Lab (Required)
Transcript Code: AVPROD2
Credit: 1
Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a format with both audio and video.

K2312 Audio/Video Production II with Lab
Prerequisite: Audio/Video I or AV I with lab; Co-requisite: Audio/Video Production II (required)
Transcript Code: AVPLAB2
Credit: 2
Grades: 10-12
Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and

Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical-thinking, problem-solving, and collaborative skills. This course may be implemented in an audio format or a format with both audio and video. Requiring a lab Co-requisite for the course affords necessary time devoted specifically to the production and post-production process.

K2052 Practicum in Audio/Video Production

Audio/Video Production II or Audio/Video Production II with Lab
Transcript Code: PRACAVP1
Credit: 2
Building upon the concepts taught in Audio/Video Production II and its Co-requisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Clusters, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experience or career preparation opportunities.

K232K Extended Practicum in Audio Video Production

Prerequisite: Audio/Video Production II or Audio/Visual Production II with Lab
Co-requisite: Extended Practicum in Audio Video Production
Transcript Code: EXPRAVP1
Credit: 3
Grades: 11-12
This course must be taken concurrently with Practicum in Audio/Video Production and may not be taken as a stand-alone course. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

K222 Digital Audio Technology I

Prerequisite: Principles of Arts, Audio/Video Technology, and Communications or Digital and Interactive Media (DIM) or both Audio/Video Production I and Audio/Video Production I Lab (recommended)
Transcript Code: DATATECH1
Credit: 1
Grades 9-12
Digital Audio Technology I was designed to provide students interested in audio production careers such as audio for radio and television broadcasting, audio for video and film, audio for animation and game design, music production and live sound, and additional opportunities and skill sets. Digital Audio Technology I does not replace Audio Video Production courses but is recommended as a single credit, co-curricular course with an audio production technical emphasis. This course can also be paired with Digital and Interactive Media. Students will be expected to develop an understanding of the audio industry with a technical emphasis on production and critical-listening skills.

K207 Graphic Design and Illustration I

Grades 10-12.
Recommended prerequisite: Principles of Arts, Audio/Video Technology, and Communications.
Transcript Code: GRAPHDI1
Credit: 1
Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

K2332 Graphic Design and Illustration I with Lab

Transcript Code: GRDLAB1
Credit: 2
Grades: 10-12
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 Graphic Design and Illustration II

Prerequisite: Graphic Design and Illustration I or Graphic Design and illustration I with Lab (Required)
Transcript Code: GRAPHDI2
Credit: 1
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.

K2342 Graphic Design and Illustration II with Lab

Graphic Design and Illustration I or Graphic Design and illustration I with Lab (Required)
Transcript Code: GRDLAB2
Credit: 2
Grades: 9-12
Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

K2092 Practicum in Graphic Design and Illustration

Prerequisite: Graphic Design and Illustration II or Graphic Design II with Lab (Required)
Transcript Code: PRACGRD1
Credit: 2
Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. 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 a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

K235K Extended Practicum in Graphic Design & Illustration
Prerequisite: Graphic Design and Illustration II or Graphic Design II with Lab (Required)
Credit: 3
Transcript Code: EXPRGRD1
Grades: 11-12
This course must be taken concurrently with Practicum in Graphic Design and Illustration and may not be taken as a stand-alone course. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

866 Digital Art and Animation
Transcript Code: TADGAA
Credit: 1
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 and Macromedia's.

871 Digital Design and Media Production
Transcript Code: TADGDMP
Credit: 1
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.

K431 Digital Media
Transcript Code: DIMEDIA
Credit: 1
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.

K211 Commercial Photography I
This course is recommended for students in Grades 10-12. Recommended prerequisite: Graphic Design and Illustration or Art I.
Transcript Code: CPHOTO1
Credit: 1
Commercial Photography is a modern, all digital course that teaches the fundamentals of photography as a technical skill and computer based editing and post-processing. It focuses on the creation of quality imagery that meets high artistic and commercial standards.

K2362 Commercial Photography I with Lab
Transcript Code: CPHLAB1
Credit: 2
Grades: 9-12
Commercial Photography I Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. 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 commercial photography industry with a focus on creating quality photographs.

K212 Commercial Photography II
Prerequisite: Commercial Photography I or Commercial Photography I with Lab
Credit: 1
Transcript Code: CPHOTO2
Grades: 10-12
Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

K2382 Commercial Photography II with Lab
Prerequisite: Commercial Photography I or Commercial Photography I with Lab
Transcript Code: CPHLAB2
Credit: 2
Grades: 10-12
This course must be taken concurrently with Commercial Photography II and may not be taken as a stand-alone course.

K2392 Practicum in Commercial Photography
Prerequisite: Commercial Photography II or Commercial Photography II with Lab
Transcript Code: PRACCPH1
Credit: 2
Grades: 10-12
Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

K240K Extended Practicum in Commercial Photography Commercial Photography
Prerequisite: Commercial Photography II or Commercial Photography II with Lab
Transcript Code: EXPRCPH1
Credit: 3
Grades: 11-12
This course must be taken concurrently with Practicum in Commercial Photography and may not be taken as a stand-alone course. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

K224 Video Game Design
Prerequisite: none.
Transcript Code: VIDGD
Credit: 1
Grades: 9-12
Video Game Design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn

gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

K213 Fashion Design I
Transcript Code: FASHDSN1
Credit: 1
Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of fashion and the textile and apparel industries.

K2412 Fashion Design I with Lab
Transcript Code: FASLAB1
Credit: 2
Grades: 10-12
Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

K214 Fashion Design II
Prerequisite: Fashion Design I or Fashion Design I with Lab (Required)
Transcript Code: FASHDSN2
Credit: 1
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 fashion industry with an emphasis on design and construction.

K2422 Fashion Design II with Lab
Prerequisite: Fashion Design I or Fashion Design I with Lab (Required)
Transcript Code: FASLAB2
Credit: 2
Grades: 11-12
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 fashion industry with an emphasis on design and construction. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

K2152 Practicum in Fashion Design
Prerequisites: Fashion Design II or Fashion Design II with Lab
Transcript Code: PRACFAS1
Credit: 2
Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and communications Career Cluster, students will be expected to develop an advanced technical understanding of the business aspects of fashion, with emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

K2162 Practicum in Fashion Design II
Transcript Code: PRACFAS2
Prerequisite: Fashion Design II or Fashion Design II with Lab
Credit: 2
Within this context, students will be expected to develop an advanced technical understanding of the business aspects of fashion, with emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

K237K Extended Practicum in Fashion Design
Prerequisite: Fashion Design II or Fashion Design II with Lab
Co-requisite: Practicum in Fashion Design
Transcript Code: EXPRFAS1
Credit: 3
Grades: 11-12
Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the business aspects of fashion, with emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

K221H Professional Communication
Prerequisite: none.
Transcript Code: PROFCOMM
Credit: .5
Grades: 9-12
Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

K225UH Professional Communication
Prerequisite: none.
Transcript Code: PROFCOMM
Credit: .5
Grades: 9-12
Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research. Providing students with greater rigor and college credit.

Business Marketing & Finance

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

K300 Money Matters
Prerequisite: Principles of Business, Marketing & Finance (Recommended)
Transcript Code: MONEYM
Credit: 1
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.

K301H Banking and Financial Services
Prerequisite: Principles of Business, Marketing and Finance (Recommended)
Transcript Code: BANKFIN
Credit: .5
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 (recommended)
Transcript Code: ACCOUNT1
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 (Required)
Transcript Code: ACCOUNT2
Credit: 1
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.

K251H Touch System Data Entry
Prerequisite: Grades 9-10
Transcript Code: TSDATAE
Credit: .5
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
Prerequisite: Touch Systems Data Entry (recommended); Grades 9-12
Transcript Code: BUSIM1
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 (Required)
Transcript Code: BUSIM2
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
This course is recommended for students in Grades 11-12.:
Transcript Code: BUSLAW
Credit: 1
Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, and sales negotiable.

K256H Global Business
Prerequisite: Principles of Business, Marketing & Finance (Recommended)
Transcript Code: GLOBBUS
Credit: .5
Global Business is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

K258H Virtual Business
Prerequisite: Touch Systems Data Entry (recommended).
Grades 10-12
Transcript Code: VIRTBUS
Credit: .5
Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.

K259 Business Management
Grades 10-12
Transcript Code: BUSMGT
Credit: 1
Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

K2602 Practicum in Business Management
A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency I

addition and more advanced knowledge and skills.
Recommended Prerequisite: Touch System Data Entry and Business Management or Business Information Management II
Transcript Code: PRACBM
Credit: 2
The Practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

K263K Extended Practicum in Business Management
Transcript Code: EXPRBM
Credit: 3
Grades: 11-12
A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

K500H Advertising
Prerequisite: Principles of Business, Marketing & Finance (Recommended)
Transcript Code: ADVERTIS
Credit: .5
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.

K501H Fashion Marketing
Prerequisite: Principles of Business, Marketing & Finance (Recommended)
Transcript Code: FASHMKTG
Credit: .5
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 (Recommended)
Transcript Code: ENTREP
Credit: 1
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.

K508H Social Media Marketing
Prerequisite: Principles of Business, Marketing & Finance (Recommended)
Transcript Code: SMEDMKTG
Credit: .5
Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

K504H Sports & Entertainment Marketing
Prerequisite: Principles of Business, Marketing & Finance (Recommended) or any marketing course.
Transcript Code: SMEDMKTG
Credit: .5
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.

K510H Sports & Entertainment Marketing II
Prerequisite Sports Marketing I (Required)
Transcript Code: SMEDMKTG2
Credit: .5
Sports and Entertainment Marketing II is an advanced course designed to build upon students' prior knowledge of sports and entertainment marketing. Students will develop a thorough understanding of advanced marketing concepts and theories as they relate to the sports and entertainment industries. Students will investigate the components of branding, sponsorships, and endorsements, as well as promotion plans needed for sports and entertainment events. The course also supports career development skills and explores career options.

K5052 Advanced Marketing
Prerequisite: Principles of Business, Marketing & Finance, and required employment averaging 10-15 hours per week
Transcript Code: ADVMKTG
Credit: 2
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.

K5062 Practicum in Marketing
Prerequisites: Marketing Dynamics and required employment averaging 10-15 hours per week
Transcript Code: PRACMTK1
Credit: 2
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.

K509K Extended Practicum in Marketing
Prerequisites: This course is a co-requisite with Practicum in Marketing and cannot be taken alone.
Transcript Code: EXPRMKT1
Credit: 3
This course is designed to give students supervised practical application of previously studied knowledge and skills. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of marketing courses. This course is an extension of Practicum in Marketing.

K077 Project-Based Research
Transcript Code: PROBS1
Credit: 1
Project-Based Research is a course for DECA students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field.

Education & Training

K275 Principles of Education and Training
Transcript Code: PRINEDTR
Credit: 1
Principles of Education and Training introduces students to the various careers available within education and training. Students will gain an understanding of the basic knowledge and skills essential to careers within education and training.

K276 Human Growth and Development
Transcript Code: HUGRDEV
Credit: 1
Prerequisite: Principles of Education &Training (Recommended)
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.

K2772 Instructional Practices
Prerequisite: Principles of Education &Training (Recommended)
Transcript Code: INPRAC
Credit: 2
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.

K2782 Practicum in Education and Training
Transcript Code: PRACEDT1
Credit: 2
Prerequisite: Instructional Practices in Education and Training (Required)
This course is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

K280K Extended Practicum in Education and Training
Prerequisite: Instructional Practices in Education and Training. (Required)
Transcript Code: EXPREDT1
Credit: 3
This is a field based internship that provides knowledge of child and adolescent development principles of effective teaching and training practices. This course is an extension of Practicum in Education and Training.

K400 Principles of Human Services
Transcript Code: PRINHUSR
Credit: 1
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.

K405I Child Development
Transcript Code: CHILDDEV
Credit: 1
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.

K4062 Child Guidance
Transcript Code: CHILDGUI

Credit: 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.

Health Science

K350 Principles of Health Science
Prerequisite: Biology (Concurrent)
Transcript Code: PRINHLSC
Credit: 1
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
Transcript Code: MEDTERM
Credit: 1
The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

K3511U Medical Terminology Dual Credit
Transcript Code: MEDTERM
Credit: 1
The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. Providing students with a medical terminology class with greater rigor and college credit.

K352 Health Science Theory
Prerequisites: Biology (Required), Principles of Health Science
Transcript Code: HLTHSCI
Credit: 1
The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. Students will have the opportunity to earn a Medical Assistant Certification (CCMA) sponsored by the National Healthcare Association.

K3642 Health Science Theory with Clinical
Prerequisite: Biology (Required) and Principles of Health Science:
Transcript Code: HLSCLIN
Credit: 2
Grades: 10-12
The Health Science Clinical course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. To pursue a career in the health science industry, students should recognize, learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. Students will have the opportunity to earn a Medical Assistant Certification (CCMA) sponsored by the National Healthcare Association.

K3482 PIHS – Pharmacy Tech
Prerequisite: Health Science Theory or Health Science Theory with Clinical & Biology (Required)
Grades 11-12
Transcript Code: PRACHLS1
Credit: 2
Pharmacy Tech is designed to give students practical application of previously studied knowledge and skills. Experiences can occur in a variety of locations appropriate to the nature and level of experiences. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions.

K3492 PIHS II – Pharmacy Tech
Prerequisite: Pharmacy Tech I (Required)
Transcript Code: PRACHLS2
Credit: 2
Pharmacy Tech II is designed to give students practical application of previously studied knowledge and skills. Experiences can occur in a variety of locations appropriate to the nature and level of experiences. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment.

K3532 PIHS - Clinicals
Prerequisite: Health Science Theory or Health Science Theory with Clinical & Biology (Required)
Transcript Code: PRACHLS1
Credit: 2
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. Participation may require personal transportation, background check, and possible drug testing.

K3542 PIHS II - Clinicals
Transcript Code: PRACHLS2
Prerequisite: PHIS I (Required)
Credit: 2
Clinicals are 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. Students should identify the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions.

K367K Extended PIHS – Clinicals
Prerequisite: PIHS I (Required)

Transcript Code: EXPRHLS1
Credit: 3
Clinicals are 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. Students should identify the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions.

K355 Anatomy & Physiology Honors
Prerequisites: Biology and a second Science credit (Required)
Transcript Code: ANATPHYS
Credit: 1
The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. This course requires labs in dissection.

K356 Medical Microbiology Honors
Prerequisite: Biology, Chemistry, and a course from the Health Science Career Cluster (Required)
Transcript Code: MICRO
Credit: 1
The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

K357 Pathophysiology Honors
Prerequisite: Biology, Chemistry, and a course from the Health Science Career Cluster (Required)
Grades: 11-12
Transcript Code: PATHO
Credit: 1
The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

K366 Pharmacology
Prerequisite: Biology, Chemistry, and a course from the Health Science Cluster (Required)
Transcript Code: PHARMC
Credit: 1
Grades: 11-12
The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers.

Hospitality & Tourism

K375 Principles of Hospitality and Tourism
Transcript Code: PRINHOSP
Credit: 1
This course provides an introduction to the hospitality and tourism industry. Topics include lodging, travel and tourism, recreation, amusements, attractions, resorts, and restaurants and food beverage service.

K376 Hotel Management
Transcript Code: HOTELMGT
Prerequisite: Principles of Hospitality and Tourism
Credit: 1
This course is designed to provide the students with a general understanding of the dynamics of the lodging industry, and specifically the operations and management of today's modern hotels.

K3822 Hospitality Services
Transcript Code: HOSPSRVS
Prerequisite: Hotel Management
Credit: 2
In this course, students will be introduced to the major concepts, issues, and theories of tourism and hospitality as an economic sector and topic of academic study. The course will cover a broad range of topics related to the travel experience, from business development to the linkages between tourism as an industry and the impacts it has on communities and places. Students will also be introduced to key elements of the hospitality service industry and opportunities for employment within this industry. The course will also introduce concepts such as sustainability, planning, and ethical responsibility.

K3832 Practicum in Hospitality Services
Transcript Code: PRACHOS1
Prerequisite: Hospitality Services
Credit: 2
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.

K386K Extended Practicum in Hospitality Services
Transcript Code: EXPRHOS1
Credit: 3
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. Must be taken concurrently with Practicum in Hospitality Services.

K378 Travel and Tourism Management
Transcript Code: TRTORMGT
Credit: 1
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.

K377 Introduction to Culinary Arts
Transcript Code: INCULART
Credit: 1
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.

K3792 Culinary Arts
Prerequisite: Introduction to Culinary Arts
(Recommended)
Transcript Code: CULARTS
Credit: 2
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.

K3872 Advanced Culinary Arts
Transcript Code: ADCULART
Prerequisite: Culinary Arts(Required)
Credits: 2
This course is designed to provide students with higher level skills in the areas of food services and hospitality. This is the capstone course in a Culinary Arts program within a career pathway for Hospitality and Tourism. Students will receive instruction in the use of eggs and dairy, advanced baking and dessert preparations, advanced knife skills, cooking methods, meats, poultry and seafood, and menu planning. Students will participate in planning, costing, preparation and serving of meals through project based learning. Students will follow the guidelines for food preparation skills as they relate to the standards set by the food service industry. Career seeking and transferable skills are incorporated into this curriculum.

K3802 Practicum in Culinary Arts
Prerequisite: Culinary Arts (Required)
Transcript Code: PRACCUL1
Credit: 2
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
Transcript Code: PRINHUSR
Credit: 1
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.

K401H Dollars and Sense
Transcript Code: DOLLARSE
Credit: .5
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.

K402H Interpersonal Studies
Transcript Code: INTERSTU
Credit: .5
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.

K403H Lifetime Nutrition & Wellness
Transcript Code: LNURTWEL
Credit: .5
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.

K410 Introduction to Cosmetology
Transcript Code: INTCOSMO
Credit: 1
In Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements.

K4112 Cosmetology I
Transcript Code: COSMET1
Credit: 2
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.

K411K Cosmetology I with Lab
Transcript Code: COSLAB1
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.

K4122 Cosmetology II
Prerequisite: Cosmetology I (Required)
Transcript Code: COSMET2
Credit: 2
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.

K423K Cosmetology II with Lab
Prerequisite: Cosmetology I (Required)
Transcript Code: COSLAB2
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 and provided extra time within the school day.

K420 Principles of Cosmetology Design & Color Theory
Prerequisite: Cosmetology I
Recommended: Grade 12 currently enrolled in Cosmetology II program.
Transcript Code: PRICOSMO

Credit: 1
This course is to be taken concurrently with the Cosmetology II course. Students will expand upon knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure, and illusion, and depth as they relate to the art of cosmetology.

K421 Microbiology & Safety for Cosmetology Careers
Prerequisite: Cosmetology I
Transcript Code: MICROS
Credit: 1
Students who enroll in Microbiology and Safety for Cosmetology Careers will receive instruction in the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, identification of microorganisms, drug resistant organisms, and emerging diseases.

Information Technology

K425 Principles of Information Technology
Transcript Code: PRINIT
Credit: 1
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
Transcript Code: COMPMTN
Credit: 1
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.

K443 Web Design
Transcript Code: TAWEBDN
Credit: 1
In Web Design, students will acquire knowledge of web design and technological operations and concepts that support creativity, innovation, collaboration, information fluency, critical thinking and decision-making. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

K437 Internetworking Technologies
Transcript Code: INTNET1
Credit: 1-2
K438 Internetworking Technologies II
Transcript Code: INTNET2
Credit: 1-3
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.

K444 Cybersecurity Capstone
Prerequisite: Foundations of Cybersecurity (recommended)
Transcript Code: TACYBCAP
Credit: 1
Grades: 11-12
In the Cybersecurity Capstone course, students will develop the knowledge and skills needed to explore advanced concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will develop security policies to mitigate risks. The skills obtained in this course prepare students for additional study toward industry certification. A variety of courses are available to students interested in the cybersecurity field. Cybersecurity Capstone may serve as a culminating course in this field of study.

Law & Public Service

K450 Principles of Law, Public Safety, Corrections, and Security
Transcript Code: PRINLPCS
Credit: 1
Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.

K451 Law Enforcement I
Prerequisite: Principles of Law, Public Safety, Corrections, and Security
Transcript Code: LAWENF1
Credit: 1
Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will gain understanding of the role of constitutional law, at local, state, and federal levels, 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
Transcript Code: LAWENF2
Credit: 1
Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand the ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment, and courtroom testimony.

K466 Criminal Investigations
Prerequisite: Principles of Law, Public Safety, Corrections, and Security
Transcript Code: CRINVEST
Credit: 1
Criminal Investigations is a course that introduces students to the profession of criminal investigations. Students will understand basic functions of criminal investigations, procedures, and will learn how to investigate or follow-up during investigations. Students will learn terminology and investigative procedures related to criminal investigation, crime scene processing, evidence collection, fingerprinting, and courtroom presentation. Through case students and simulated crime scenes, students will collect and analyze evidence such as fingerprint analysis, bodily fluids, hairs, fibers, shoe and tire impressions, bite marks, drugs, tool marks, firearms, ammunition, blood spatter, digital evidence, and other types of evidence.

K453 Forensic Science

Prerequisite: Biology and Chemistry (Required) Prerequisite or Co-requisite: Law Enforcement I (Recommended)
Transcript Code: FORENSCI
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.

K455 Correctional Services
Prerequisite: Principles of Law, Public Safety, Corrections, and Security
Transcript Code: CORRSRVS
Credit: 1
In Correctional Services, students prepare for certification required for employment as a municipal, county, state, or federal corrections officer. Students will learn the role and responsibilities of a county or municipal correctional officer; discuss relevant rules, regulations, and the laws of municipal, county, state, or federal facilities; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the municipal, county, state, or federal correctional setting. Students will analyze rehabilitation and alternatives to institutionalization for inmates.

K4642 Practicum in Law, Public Safety, Corrections, and Security
Prerequisite: Law Enforcement I
Transcript Code: PRACLPS1
Credit: 2
Practicum in Law, Public Safety, Corrections, and Security is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law, Public Safety, Corrections, and Security Career Cluster. The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security.

K465K Extended Practicum in Law, Public Safety, Corrections, and Security
Transcript Code: EXPRLPS1
Credit: 3
Practicum in Law, Public Safety, Corrections, and Security is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law, Public Safety, Corrections, and Security Career Cluster. This course must be taken concurrently with Practicum in Law, Public Safety, Corrections, and Security and may not be taken as a stand-alone course. The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security.

KM4632E EMT Basics
Credit: 2
This course is designed to assist students in understanding the consequences of emergencies and disasters and in preparing for their roles and responsibilities in an emergency. In addition, the course has information on addressing mental health needs and the needs of special populations in an emergency.
The purpose of this course is to uncover the principles that promotes effective disaster response and recovery operations. To achieve this goal, the course will examine the nature of disasters as well as the roles and responsibilities of various actors involved in emergency management. The importance of addressing the needs of the affected population will be discussed, and will include recommendations to fulfill a variety of important response and recovery functions. Various problems associated with response and recovery operations will be identified. The role of technology and the importance of communications and coordination will be emphasized. Each student will be expected to gain a solid comprehension of common post-disaster problems and how responders may overcome those challenges now and in the future.

KM4642E Practicum in Law, PS, Corrections, & Security
The practicum course is a paid or unpaid capstone experience for students participating in a coherent of career and technical education courses in Law, Public Safety, Corrections, and Security cluster.
Grades 11-12
Credit: 2
Preparation for certification as an Emergency Medical Technician (EMT). Includes all the skills necessary to provide emergency medical care at a basic life support level with an emergency service or other specialized services. Student purchases textbook and provides uniform and proof of immunizations. Course completion requires two classes, EMT-Basic - and EMT-Basic Clinical.

Manufacturing

K475 Principles of Manufacturing
Grades 9-12
Transcript Code: PRINMAN
Credit: 1
In Principles of Manufacturing, students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Knowledge and skills in the proper application of principles of manufacturing, the design of technology, the efficient production of technology, and the assessment of the effects of manufacturing production technology prepare students for success in the modern world. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. 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.

K474 Introduction to Welding
Prerequisite: Principles of Manufacturing (Recommended)
Transcript Code: INTRWELD
Credit: 1
Introduction to Welding is a course in which students learn basic skills and knowledge related to cutting and welding applications. Course content includes safe practices, career research, and basic arc welding and thermal cutting skills.

K4762 Welding I
Prerequisite: Algebra I (Recommended)
Transcript Code: WELD1

Credit: 2
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.

K4772 Welding II
Prerequisite: Welding II (Required)
Transcript Code: WELD2
Credit: 2
Welding II 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.

K4832 Practicum in Manufacturing
Transcript Code: PRACMAN1
Credit: 2
The Practicum in Manufacturing course 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 capstone experience for students participating in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster.

K533 Robotics I
Transcript Code: ROBOTIC1
Credit: 1
Students enrolled in this course will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

K555 Robotics II
Prerequisite: Robotics I (Required)
Transcript Code: ROBOTIC2
Credit: 1
Grades 11-12
Students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

Science, Technology, Engineering & Mathematics

K525 Principles of Applied Engineering
Transcript Code: PRAPPENG
Credit: 1
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 Biotechnology I
Prerequisites: Biology (Required)
Transcript Code: BIOTECH1
Credit: 1
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 I
Prerequisites: Algebra I (Required)
Transcript Code: ENGDSPR1
Credit: 1
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.

K5292 Engineering Design & Presentation II
Prerequisite: Engineering Design & Presentation, Algebra I and Geometry (Required)
Transcript Code: ENGDSPR2
Credit: 2
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 AC/DC Electronics
Transcript Code: ACDCELEC
Credit: 1
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 and Algebra I
Transcript Code: PRINTECH
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: Biology, Chemistry, or Physics (Required)
Transcript Code: SCIRD

Credit: 1
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 Honors
Prerequisite: Chemistry or Physics
Transcript Code: SCIRD2
Credit: 1
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.

K5382 Practicum in STEM
Prerequisite: Algebra I and Geometry (Required)
Transcript Code: PRCSTEM1
Credit: 2
Careers in Science, Technology, Engineering, & Mathematics (STEM) are challenging and innovative. Students who pursue one of these career fields will be involved in planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services. The STEM courses are productive, comprehensive and experienced-base that allow students to investigate and experience the means by which humans meet their needs and wants, to solve problems, and extend their competencies. CTE is concerned with the knowledge and skills to develop, produce, and use products or services and how to measure the impacts these activities have on humans and the world. The study of technology allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. In addition to their general academic and technical knowledge and skills, students gain an understanding of career opportunities available in technology and what employers require for workers to gain and maintain employment in the 21stcentury.Possible career pathway models for Science, Technology, Engineering and Mathematics include: Aerospace Engineer, Computer Engineer, Product Designer, Mechanical Engineer, Manufacturing Supervisor, Robotics Technician, Civil Engineer and Laser Technician.

858 Computer Science Principles AP
Transcript Code: APCSPRIN
Prerequisite: Algebra I (recommended)
Credit: 1
This course is equivalent to a first-semester introductory college computing course. Students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology that interests them. Students will also develop effective communication and collaboration skills through discussions and writing.
Prerequisites: Students should have successfully completed Algebra I.
* This course is complementary to AP Computer Science A. These courses can be taken in any order or at the same time, as schedules permit. This course can substitute for 1 year of LOTE (Languages Other Than English). While this course can satisfy a LOTE graduation requirement, it may not meet the foreign language requirement for college admissions.

860 Computer Science I Honors
Prerequisite: Algebra I (Required)
Transcript Code: TACS1
Credit: 1
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. This course can substitute for 1 year of LOTE (Languages Other Than English). While this course can satisfy a LOTE graduation requirement, it may not meet the foreign language requirement for college admissions.

861 Computer Science II Honors
Prerequisite: Computer Science I Honors
Transcript Code: TACS2
Credit: 1
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. This course can substitute for 1 year of LOTE (Languages Other Than English). While this course can satisfy a LOTE graduation requirement, it may not meet the foreign language requirement for college admissions.

863 Computer Science AP - A Math
Transcript Code: APTACSA
Prerequisite: Computer Science I Honors, complete geometry and co-enrolled in Algebra II
Credit: 2
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 credit. The additional credit will satisfy a LOTE (Languages Other Than English) credit. This credit does not impact GPA. While it satisfies a LOTE graduation requirement, computer science may not meet college admission's requirements in foreign language. Students are required to take the AP Computer Science exam.

864 Computer Science AP - A LOTE
Transcript Code: APTACSA
Prerequisite: Computer Science I Honors

Credit: 2
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 credit. The additional credit will satisfy a LOTE (Languages Other Than English) credit. This credit does not impact GPA. While it satisfies a LOTE graduation requirement, computer science may not meet college admission's requirements in foreign language. Students are required to take the AP Computer Science exam.

870 Independent Study: Technology Applications I
Prerequisites: AP Computer Science or Computer Science I or II Pre-AP
Transcript Code: TAIND1
872 Independent Study: Technology Applications II
Transcript Code: TAIND2
874 Independent Study: Technology Applications III
Transcript Code: TAIND3
Credit: 1
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 Pre-AP/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.

886A/B Fundamentals of Computer Science
Transcript Code: TAFCS
Credit: 1
Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.

Transportation, Distribution, & Logistics

K574 Automotive Basics
Transcript Code: AUTOBASC
Credit: 1
Automotive Basics includes the knowledge of the basic automotive systems and the theory and principals of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and the skills in the repair, maintenance, and servicing 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 safety, tool identifications, proper tool use, and employability.

K5792 Automotive Technology I: Maintenance and Light Repair
Prerequisite: Automotive Basics
Transcript Code: AUTOTEC1
Credit: 2
This course includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. Students will gain knowledge and the skills in the repair, maintenance, and diagnosis of vehicle systems. This student 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 safety, tool identification, proper tool use, and employability.

K5802 Automotive Technology II: Automotive Service
Prerequisite: Automotive Technology I: Maintenance and Light Repair (Required)
Transcript Code: AUTOTEC2
Credit: 2
This course includes knowledge of the major automotive systems and principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. Students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

K589K Automotive Technology II: Automotive Service w/Lab
Prerequisite: Automotive Technology I: Maintenance and Light Repair (Required)
Transcript Code: AUTOLAB2
Credit: 3
This course provides the opportunity to extend knowledge of the major transportation systems, and the principles o diagnosing and servicing these systems. Topics in this course may include alternative fuels such as hybrid, bio-diesel, hydrogen, compressed natural gas (CNG), liquidized natural gas (LNG), propane, and solar; total electric vehicles and power trains; advanced transportation systems such as collision avoidance, telematics, vehicle stability control, navigation, vehicle-to-vehicle communications; and other technologies. This student will allow students to have an increased understanding of the science, technology, engineering, and mathematics in all aspects of these systems. This will reinforce, apply, and transfer academic knowledge and skills to a variety of relevant activities, problems, and settings.

K590 Basic Collision Repair and Refinishing
Transcript Code: BASCOLRR
Credit: 1
In this course students receive training on the proper handling of hazardous waste and EPA issues together with technical information about specific

auto body safety and health situations. Specific training is provided in tools/equipment usage, parts assembly, filler application, and straightening techniques. Students receive training in use of sanding abrasives, refinishing products, tools and equipment, masking procedures, corrosion protection, and paint preparations.

K5812 Collision Repair
Prerequisite: Basic Collision Repair and Refinishing
Transcript Code: COLLISR
Credit: 2
In this course, students will learn the processed, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing as well as provide the student with information regarding employment opportunities and certification requirements in the field of collision repair.

K5822 Paint and Refinishing
Prerequisite: Basic Collision Repair and Refinishing or Collision Repair
Transcript Code: PAINTREF
Credit: 2
In this course, students will learn the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive paint and refinishing. Students will demonstrate knowledge of the basic types of refinishing procedures for the different types of vehicle body construction used in the auto refinishing industry, learn to estimate parts and labor costs on paint and refinishing orders, and perform precision measurements of paint and refinishing orders.

K583 Small Engine Repair
Transcript Code: SMENTEC1
Credits: 1
This course offers an intensive study of the operation, maintenance, and repair of small gasoline engines. Instructional topics include principles of operation of internal combustion engines, repair and service procedures, and disassembly, overhaul, and reassembly. Instruction may also include the operation of two-cycle and four-cycle engines commonly found on lawn mowers, garden tractors, rotary tillers, chainsaws, and other equipment.

K5872 Practicum in Transportation Systems
The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of courses in the Transportation, Distribution, and Logistics cluster.
Grades 11-12
Transcript Code: PRACTRS1
Credit: 2
This course is a paid or unpaid capstone experience for students participating in a coherent sequence of career technical education courses in the Transportation, Distribution, and Logistics Career Cluster. This practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The practicum can either be school lab based or work based.

K591K Extended Practicum in Transportation Systems
Transcript Code: EXPRTRS1
Credit: 3
This course is designed to give student supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The practicum can either be school lab based or work based.

Military Science

8801 Reserve Officers Training Corps (ROTC) I
8802 Reserve Officers Training Corps (ROTC) II
8803 Reserve Officers Training Corps (ROTC) III
8804 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. Please refer to individual campus brochures for complete course information.

Work Based Learning

K0752 Career Preparation I
Transcript Code: CAREERP1
Credit: 2
K075K Career Preparation I
Transcript Code: EXCAREE1
Credit: 3
K0762 Career Preparation II
Transcript Code: CAREERP2
Credit: 2
K076K Career Preparation II
Transcript Code: EXCAREE2
Credit: 3
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.

Workforce Dual Credit

KM4632E EMT Basics
Credit: 2
This course is designed to assist students in understanding the consequences of emergencies and disasters and in preparing for their roles and responsibilities in an emergency. In addition, the course has information on addressing mental health needs and the needs of special populations in an emergency.
The purpose of this course is to uncover the principles that promotes effective disaster response and recovery operations. To achieve this goal, the course will examine the nature of disasters as well as the roles and responsibilities of various actors involved in emergency management. The importance of addressing the needs of the affected population will be discussed, and will include recommendations to fulfill a variety of important response and recovery functions. Various problems associated with response and recovery operations will be identified. The role of technology and the importance of communications and coordination will be emphasized. Each student will be expected to gain a solid comprehension

of common post-disaster problems and how responders may overcome those challenges now and in the future.

KM4642E Practicum in Law, PS, Corrections, & Security

The practicum course is a paid or unpaid capstone experience for students participating in a coherent of career and technical education courses in Law, Public Safety, Corrections, and Security cluster.
Grades 11-12
Credit: 2
Preparation for certification as an Emergency Medical Technician (EMT). Includes all the skills necessary to provide emergency medical care at a basic life support level with an emergency service or other specialized services. Student purchases textbook and provides uniform and proof of immunizations. Course completion requires two classes, EMT-Basic - and EMT-Basic Clinical.

KM4762E Welding I
Credit: 2
KM4772E Welding II
Credit: 2
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.

KM4782E Precision Metal Manufacturing I
Credit: 2
KM4792E Precision Metal Manufacturing II
CNC offered at Lone Star
Credit: 2
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.

KM5792E Automotive Technology I: Maintenance & Light Repair
(This course is a combination of Automotive Technology and Advanced Automotive Technology)
Credit: 2
Automotive services include advanced knowledge of the function of the major automotive systems and 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 student 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.

KM5802E Automotive Technology II: Automotive Service
(This course is a combination of Automotive Technology and Advanced Automotive Technology)
Credit: 2
Course is located at Conroe High School. Automotive services include advanced knowledge of the function of the major automotive systems and the 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.

Catalog of Courses: Junior High

7th Grade Courses

7110 Language Arts 7
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 Language Arts 7 Honors
Pre-AP 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 Math 7
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 objectives.

7205 Pre-Algebra 7 Honors
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 Science 7
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 Science 7 Honors
Pre-AP 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 Texas History 7
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 Texas History 7 Honors
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 Physical Education 7
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 7
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 Drill Team/Dance 7
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.

7511 Volleyball 7

7512 Football 7

7513 Boys' Basketball 7

7514 Private PE 7
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.

7515 Private PE 7 –Level 2

7516 Soccer 7
This course will focus on the fundamentals of soccer as well as allowing the students to practice their newly acquired skills.

7517 Girls' Basketball 7

7526 Cross Country 7
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 Language Arts 8
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 Language Arts 8 Honors
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 Pre-Algebra 8
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 TEKS objectives.

8300 Science 8
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 Science 8 Honors
Pre-AP 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 US History 8
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 US History 8 Honors
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 Physical Education 8
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 Drill Team/Dance 8
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 8
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.

8511 Volleyball 8

8512 Football 8

8513 Boys' Basketball 8

8514 Private PE 8
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.

8515 Private PE 8 –Level 2

8516 Soccer 8
1 Semester
This course will focus on the fundamentals of soccer as well as allowing the students to practice their newly acquired skills.

8517 Girls' Basketball 8

8526 Cross Country 8
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

9700H/9800H Music Appreciation
1 Semester
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
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
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
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
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
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
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.

9715H/9815H Science Investigations
1 Semester
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.

9740H/9840H Theater Arts I
1 Semester
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.

9741H/9841H Theater Arts II
Prerequisite: Theater Arts I
1 Semester
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
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 the program.

9746H/9846H Theater Production
1 Semester
Theater Production is offered to 8th grade students who have completed Theater Arts I. This class has the option of competing in acting tournaments (participation in tournaments not required). The class will work or perform in all productions at the school.

9743H/9843H JR. High Art I
1 Semester
Through a variety of two and three-dimensional mediums, students build a strong foundation in the elements and principles 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.

9744H/9844H Jr. High Art II
Prerequisite: Art I
1 Semester
Students create art with emphasis on art history: prehistoric to modern. A portfolio will be developed and maintained.

9845H Jr. High Art III
Prerequisite: Art II
1 Semester
Students will focus on applying their knowledge of the elements and principles of design into works of art that convey concepts and ideas that are original and unique. Independence is highly encouraged in the creative decision-making process. The main focus of the class will be the development of a portfolio that meets the requirements for acceleration into the HS Art II curriculum.

9748H/9848H Jr. High Ceramics
1 Semester
While exploring a variety of hand building and glazing techniques, students will incorporate theory and technique to create complex and interesting three-dimensional art forms.

9751H/9851H Exploring Languages
1 Semester
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.

9752H Communications 7
1 Semester
This one semester course is designed to prepare 7th grade students to be effective communicators. From speaking to listening, we cover all aspects of communication by allowing students to work independently, in pairs, and in groups while focusing on different types of public speaking. Students will be encouraged to work on the clarity of their message. All assignments are geared to building the students' confidence. In addition, this course well prepares students for the high school Communication Applications class.

9753H/9853H Debate
1 Semester
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.

9754H/9854H Investigating Careers: Technology I
1 Semester
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.

9755H/9855H Investigating Careers: Technology II
1 Semester
This course uses a systems technology, as it relates to tools, materials, and processes, with an emphasis on math, science and reading, to explore valid, current educational and career opportunities. Through cooperative learning and project management, the student will gain a better understanding about themselves, their interests, and their abilities. 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.

9757H/9857H Health
1 Semester
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.*

9758H/9858H Investigating Careers: Human Services
1 Semester
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.

9759H/9859H Investigating Careers: Intro to Robotics
1 Semester
This course serves as an introduction to coding and engineering in robotics. The student will experience coding EV1 robots, engineering them for effectiveness and exploring how to solve many challenges with their design. Students will work in cooperative and collaborative teams to solve many challenges set before them.

9760H/9860H Investigating Careers: Computer Skills
1 Semester
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.

9761H/9861H Investigating Careers: Computer Science
1 Semester
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.

9887H Investigating Careers: Computer Science II
1 Semester
This is a beginning multimedia class with an emphasis on skills required for basic website construction. Topics include vector and bitmap graphic creation and modification, creation of Flash movies, and website development and creation.

9868H Investigating Careers: Cybersecurity
1 Semester
The goal of this course is to create a culture of high awareness of cyber threats and areas of continuous improvement in the online world. This course provides middle school students with the fundamentals of online safety, security, and awareness of unknown threats to networks and personal data.

9762 Yearbook I 7
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.

9850 Yearbook I 8
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 8
Prerequisite: Yearbook I 7
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.

9763H/9863H Teen Leadership
1 Semester
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.

9866H Teen Leadership II
Prerequisite: Teen Leadership
1 Semester
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.

9765/9865 TV Broadcasting
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.

9767H/9867H College & Career Readiness
1 Semester
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. Four-year course planning and graduation requirements as well as endorsements will be discussed. Various occupations will be explored based on computer research and other resources. Students will be introduced to Naviance, an online web-based tool for career exploration.

9769/9869 Reading Strategies

9771H/9871H Peer Tutor
1 Semester
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.

9874H Investigating Careers: Drones
1 Semester
The goal of this course is to create a culture of high awareness regarding the use of unmanned aircraft. This course provides middle school students with the fundamentals of safety, FAA guidelines, security, and proper application of this new technology.

9785/9885 Study Skills
This Course will focus on time management skills, basic study skills, goal setting, and organization.

9792H/9892H Wildlife Management
1 Semester
This course is designed to offer students information about wildlife management and an introduction to agriculture science.

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

9756/9856 Social Studies Enrichment
9770/9870 Reading Enrichment
9794/9894 Science Enrichment
9795/9895 Language Arts Enrichment
9796/9896 Math Enrichment
9799/9899 Writing Enrichment
All 7th and 8th grade students' STAAR scores will be evaluated over the summer. Any student who scores below Level II on a STAAR exam may be required to take a STAAR enrichment class in addition to the core academic course. Several factors will be examined to determine if the student needs the enrichment course as an intervention. 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 STAAR class during the year based on classroom performance and benchmark scores. Parents who do not want their students to enroll in the STAAR enrichment course(s) will need to consult with the building principal.

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.

J1621 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.

J1641 Geometry
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.

J3161 Spanish I Native Speakers
Credit: 1
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. Emphasis will be on reading and writing Spanish, and the understanding of grammatical concepts. Students will be prepared to move on to Spanish II at the completion of this course.

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,