

Conroe Independent School District Program of Studies

2016-2017



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

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

Senior High Schools

Caney Creek High School

936-709-2000

Trish McClure, Principal

Conroe High School

936-709-5700

Dr. Mark Weatherly, Principal

Conroe High School - 9th Grade Campus

936-709-4000

Bryan Gorka, Principal

Hauke Academic Alternative School

936-709-3420

Paula Nicolini, Principal

Oak Ridge High School

832-592-5300

Tommy Johnson, Principal

Oak Ridge High School – 9th Grade Campus

281-465-5000

Julie Miller, Principal

The Woodlands College Park High School

936-709-3000

Dr. Mark Murrell, Principal

The Woodlands High School

936-709-1200

Gregg Colschen, Principal

The Woodlands High School – 9th Grade Campus

832-592-8200

Jill Malpass Houser, Principal

Academy of Science & Health Professions

936-709-5731

Dr. Mike Papadimitriou, Headmaster

Academy of Science & Technology

936-709-3250

Dr. Susan Caffery, Headmaster

Junior High Schools

Irons Junior High

936-709-8500

Jeff Fuller, Principal

Knox Junior High

832-592-8400

Joe Daw, Principal

McCullough Junior High

832-592-5100

Chris McCord, Principal

Moorhead Junior High

936-709-2400

Dr. Jeff Stichler, Principal

Peet Junior High

936-709-3700

Tasha Smith, Principal

Washington Junior High

936-709-7400

Hartwell Brown, Principal

York Junior High

832-592-8600

Dr. Chris Povich, Principal

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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 2016-17 is a member of **Cohort 2020**.

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 with a counselor. 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 Family Connection.

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 Family Connection.
- Think about your post-secondary education plans and career goals. Decide which college and/or articulated credit opportunities you might want to pursue in high school.
- Review the formats 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

College Admission – High School Graduation Requirements for cohorts 2017

According to legislation (HB 3826) passed by the Texas Legislature during the 2007 summer session, students must complete the Recommended or Distinguished Graduation Plan in order to be eligible for admission to a Texas public 4-year college. In addition, to be eligible for automatic admission through the top ten percent rule, a graduate must complete either the Recommended or Distinguished plan. (NOTE: SB175 allows the University of Texas at Austin to cap its top 10% admissions at 75% of the freshman class. UT admissions will release auto admission percentages in the fall. (See your counselor for details.)

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

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

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

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

There were some other changes developed specifically for the purpose of encouraging students interested in entering the teaching profession:

Top 25 percent: A general academic teaching institution may adopt an admissions policy granting automatic admission for students with GPA's in the top 25 percent and:

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

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

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

Distinguished Achievement Plan

The Distinguished Achievement Plan (DAP) requires students to complete the 26 credit Recommended Plan for students entering high school in the fall of 2007-2013(RHSP), including a third credit in the same language other than English (LOTE), and one fewer elective. In addition, students must complete advanced measures that reflect work at college or professional level as assessed by outside evaluators. In order to achieve this distinguished recognition, students must complete any combination of four of the advanced measures listed below:

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

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

Recommended High School Plan

The Recommended High School Plan (RHSP) (26 credits for students entering high school in the fall of 2007 - 2013) helps ensure that all Texas high school

students have the skills and knowledge necessary to succeed after graduation. The program encourages students to set targets beyond the minimum graduation requirements and allows students to pursue their own interests in a variety of college-preparatory courses. The program requires challenging academic courses that mean students will be better prepared to complete technical school, community college, or a four-year university. The RHSP may qualify a student with financial need for the Texas Grant program and certain scholarships.

Foundation High School Program and Endorsements – students entering high school Fall, 2014 and beyond

College Admission – High School Graduation Requirements for Cohorts 2018 and Beyond

HB 5, passed by the Legislature in 2013, changed the requirements for eligibility for automatic admission for the top 10 % to a Texas public 4-year-college. In order for students in cohorts 2018 and beyond to be eligible, the must:

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

NOTE: SB 175 allows the University of Texas at Austin to cap 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, is eligible to apply to any Texas 4-year college. They will have to 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 entering in the Fall of 2014. It was 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.

Texas House Bill 5 was approved by the Texas Legislature creating the Foundation High School Plan and Endorsements. This plan is required for all students that enter their freshman year in 2014 and beyond. Students that entered high school prior to 2014 may seek to graduate under this plan. Students interested in this option should consult with their guidance counselor.

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 recommended and 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
Students entering 9th grade in Fall 2010 - 2013

Recommended High School Plan

- English.....4 Credits**
English I, II, III, IV
- Mathematics.....4 Credits**
Algebra I, Geometry, Algebra II
See list of approved 4th year math courses.
- Science.....4 Credits**
Biology, Chemistry, Physics
See list of approved 4th year science courses.
- Social Studies.....4 Credits**
World Geography, World History, US History,
Government/Economics
- Language other than English..2 Credits**
Must consist of 2 credits of the same language.
- Health.....½ Credit**
or Health Science Technology
- P.E. or P. E. Substitute**1 Credit**
Can substitute Marching Band, Drill Team,
Cheerleading, JROTC, Athletics, or approved off-
campus physical activity program.
- Fine Arts.....1 Credit**
Levels I-IV: Art, Dance, Music, Theater, OR Principles
and Elements of Floral Design
- Speech..... ½ Credit**
Communication Applications OR Professional
Communications
- Electives.....5 Credits**
Must be state-approved courses

Recommended High School Plan
(26 Credits)

Distinguished Achievement Plan

- English.....4 Credits**
English I, II, III, IV
- Mathematics.....4 Credits**
Algebra I, Geometry, Algebra II
See list of approved 4th year math courses.
- Science.....4 Credits**
Biology, Chemistry, Physics
See list of approved 4th year science courses.
- Social Studies.....4 Credits**
World Geography, World History, US History,
Government/Economics
- Language other than English..3 Credits**
Must consist of 3 credits of the same language.
- Health.....½ Credit**
or Health Science Technology
- P.E. or P. E. Substitute**1 Credit**
Can substitute Marching Band, Drill Team,
Cheerleading, JROTC, Athletics, or approved off-
campus physical activity program.
- Fine Arts.....1 Credit**
Levels I-IV: Art, Dance, Music, Theater, OR Principles
and Elements of Floral Design
- Speech..... ½ Credit**
Communication Applications OR Professional
Communications
- Electives.....4 Credits**
Must be state-approved courses
- Advanced Measures.....FOUR**
Find additional requirements in course catalog

Distinguished High School Plan
(26 Credits)

4th Year Mathematics Course Options:

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

- Distinguished Plan:**
 Engineering Mathematics
 Independent Study in Mathematics (Ex.
 College Algebra)
 Precalculus
 Statistics and Risk Management
 AP Calculus AB or BC
 AP Computer Science
 AP Statistics
 Dual Credit College Algebra
 IB Mathematical Studies SL
 IB Mathematics SL or HL
 IB Further Mathematics SL
 Advanced Quantitative Reasoning

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

4th Year Science Course Options:

- Advanced Animal Science
- Advanced Biotechnology
- Advanced Plant and Soil Science
- Anatomy and Physiology
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 2
- AP Physics C
- Aquatic Science
- Astronomy
- Earth and Space Science
- Engineering Design and Problem Solving
- Environmental Systems
- Food Science
- Forensic Science
- IB Biology
- IB Chemistry
- IB Environmental Systems
- IB Physics
- Medical Microbiology
- Pathophysiology
- Scientific Research and Design

Conroe ISD High School Graduation Requirements
Students entering 9th grade in fall 2014 and beyond

**Foundation High School Plan
with Endorsement Plan**

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

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

Science.....4 Credits
Biology, Chemistry,
Physics or Principals 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
Or Health Science Technology

P.E. or P. E. Substitute1 Credit
(Max of 4 credits)**
Can substitute Marching Band, Drill Team,
Cheerleading, JROTC, Athletics, or approved off-
campus physical activity program.

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

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

**HB5 FHSP with Endorsement
(26 Credits)**

FHSP Advanced Math Course Options:

- Algebra II
- Mathematical Models with Applications
- Mathematical Applications in Agriculture,
Food and Natural Resources
- Digital Electronics
- Robotics

**Endorsement Plan Advanced Math
Course Options:**

- Algebra II
- Engineering Mathematics
- Independent Study in Mathematics (Ex.
College Algebra)
- Pre-Calculus
- Statistics and Risk Management
- AP Calculus AB or BC
- AP Computer Science
- AP Statistics
- Advanced Quantitative Reasoning
- Discrete Math for Problem Solving
- Discrete Math for Computer Science

Endorsement Plan Advanced Science

Course Options:

- Advanced Animal Science
- Advanced Biotechnology
- Advanced Plant and Soil Science
- Anatomy and Physiology
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 2
- AP Physics C
- Aquatic Science
- Astronomy
- Earth and Space Science
- Engineering Design and Problem Solving
- Environmental Systems
- Food Science
- Forensic Science
- Medical Microbiology
- Pathophysiology
- Scientific Research and Design
- Principals of Engineering

**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**

Endorsements

All endorsement plans require the 4th math and 4th science.

Campus offerings vary in electives for each endorsement, so please check your Program of Studies for what is available on your campus.

Science, Technology, Engineering & Math (STEM)

Requires Algebra II, Chemistry, Biology, Physics 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.

Sequence of Courses

Students may not take more than 1 required core course per academic school year in English, mathematics, science and social studies without principal approval. The four-year plan must indicate the student's intention to take additional courses for elective credit during the junior and/or senior year. No student will be allowed to take a math course in which he/she has not completed all of the prerequisite course(s).

Levels of Courses of Study

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

Level Courses

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

PreAP and Honors Courses

The PreAP and Honors classes include the curriculum of the level classes, but with a more in-depth study of the areas within the course. Honors designation indicates an accelerated course in areas where there is no PreAP course available. (ex: level, Honors, Advanced Placement). The PreAP and Honors curriculum is designed to prepare students for Advanced Placement or for the next Honors course in that subject area. Students who are successful in Honors and PreAP classes should consider taking Advanced Placement courses. Honors courses are accelerated courses with enriched content. Honors/PreAP courses are offered in English, LOTE, mathematics, social studies, science and computer science. Careful consideration should be given when deciding to take advanced courses as class sizes may limit a school's ability to allow a student to change levels. **These courses require more individual initiative, analytical reading, student interaction, research, and time for outside class preparation. Students should be prepared to spend more time**

on homework. Students are better prepared for Advanced Placement and Dual Credit classes upon successful completion of Honors/PreAP courses.

Dual Credit Courses

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

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

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

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

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 for Lone Star College

CISD Course #	CISD Course Title	CISD Credits	LSC Course #	LSC Course Title	LSC Credits
2161U	English III (CCHS, CHS, TWHS,ORHS)	1	ENGL 1301 / ENGL 1302	Composition & Rhetoric I Composition & Rhetoric II	3/3
2211U	English IV (TWHS, TWCP,CHS)	1	ENGL 1301 / ENGL 1302	Composition & Rhetoric I Composition & Rhetoric II	3/3
2171U	English IV (CCHS, CHS, ORHS,TWHS)	1	ENGL 2332 / ENGL 2333	Survey of World Literature (Ancient to mid-17 th century)	3/3
190UB	Independent Study: College Algebra (CHS, CCHS, ORHS, TWHS)	.5	MATH 1314	College Algebra	3
113IU	US History (CCHS, TWHS, CHS, TWCP, ORHS)	1	HIST 1301 / HIST 1302	United States History I United States History II	3/3
K225UH	Professional Communication (CHS)	.5	SPCH 1315 OR SPCH 1318	Public Speaking / Interpersonal Communication	3
118UH	Government (TWCP)	.5	GOVT 2305	Government	3
1971*	College Prep Math	1	MATH 0309 / MATH 0310	Foundations of Mathematical Reasoning/Intermediate Algebra	*TSI waiver
2111*	English College Prep	1	ENGL 0306 / ENGL 0309 / ENGL 0304	Developmental Reading / Writing-Integrated Reading and Writing	*TSI Waiver
May be offered at LSC campuses or online .					
M170A	PreCalculus A	.5	MATH 1316	Trigonometry	3
M170B	PreCalculus B	.5	MATH 2412	PreCalculus	3
	Independent Study: Calculus A	.5	MATH 2413	Calculus I	3
	Independent Study: Calculus B	.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
KM225H	Professional Communication	.5	SPCH 1315 OR SPCH 1318	Public Speaking/interpersonal Communication	3
Workforce Dual Credit-LSC					
KM255H	Business Law	.5	BUSI 2301	Business Law I	3
KM2521E	Business Information Management I	1	COSCO 1301	Introduction to Computers	3
KM4631E	EMT Basics	1	EMSP 1301	Introduction to EMT	3
KM4642E	Practicum in Law, PS, Corrections & Security	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	2	WLDG 1417	Intro to Layout & Fabrication	4
KM4772E	Advance Welding	2	WLDG 1428 / WLDG 1457	Intro to Layout & Fabrication / Intro to Welding Fundamentals	4/4
KM3622	Certified Nurse Aid & Phlebotomy	2	CE-CNA	Certified Nurse Aid & Phlebotomy	Certification
KM4782E	Precision Metal Manufacturing	2	MCHN 1302 / MCHN 1343	Print Reading for Machine Trades / Machine Shop Mathematic	3/3
KM4792E	Advance Precision Metal Manufacturing	2	MCHN 1338 / MCHN 1352	Basic Machine Shop / Intermediate Machining	3/3
KM5792E	Auto Technology	2	AUMT 1405/ AUMT 1407	Intro to Auto Tech / Automotive Electrical Systems	4/4
KM5802E	Advance Automotive Technology	2	AUMT 1410 / AUMT 1416	Automotive Brake Systems / Steering & Suspension Systems	4/4

* Requires one of the following minimum test scores to enroll:

ENG 1301 Composition and Rhetoric I

MATH 1314 College Algebra

TSI	Reading 351-390, Writing 363-390 and 4 on Essay OR 5+ on Essay	350-390
STAAR	English III: Level II 2000+ Reading and Writing	Algebra II: Level II 4000
ACT	19 (Composite 23)	19-22 (Composite 23)
SAT	500 (Composite 1070)	500-549 (Composite 1070)

Advanced Placement

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

Advanced Placement (AP) Courses are the most advanced and rigorous academic courses offered by the district. This program gives students the opportunity to pursue college-level studies while still in secondary school and, depending on the student's score on the AP exam, to receive college advanced placement credit. All AP courses have received College Board authorization, and each course syllabus is available for review on the campus web page. For more information refer to www.collegeboard.com. Students 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. 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).

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 AP 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.

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

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

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

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

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

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

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

Student Agreement

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

Signature-Student

Printed Name

Date Signed

Parent/Legal Guardian Agreement

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

Signature – Parent/Legal Guardian

Printed Name

Date Signed

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

Gifted and Talented

Students identified to receive Gifted and Talented services are predominantly served through Pre Advanced Placement 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.

Special Education Classes

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

Homebound Services

Referrals for consideration of homebound services through general education or the special education department are forwarded from the Response to Intervention (RtI) team. Students who will miss school for 4 or more 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**

Students must also have graduated on the Recommended High School or Distinguished Achievement Plan (Cohort 2016 and 2017 only) in order to apply to a state 4-year institution (or meet the SAT or ACT requirements above). This applies to all students, including those in the top 10%.

Testing Information

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, the National Hispanic Recognition Program, and the National Scholarship Service for African-American Students. It covers critical reading, writing, and math skills. It is a valuable predictor for success in higher level courses, for future SAT scores, and for success in college. Many scholarship and college applications ask for junior year PSAT scores. While only juniors are eligible for scholarship consideration, sophomores and freshmen may take the test for practice.

Price: No charge to sophomores and juniors

ACT

The ACT is one of two college entrance exams required by most colleges and universities. The ACT tests skills in English, math, science, and reading. There is also a recommended 30-minute essay test available for an extra charge. Scores range from 1 to 36 on each section. Those scores are combined into a composite score which also ranges from 1 to 36. A score above 20 is generally in the top 50%. The ACT is administered on Saturdays about 6 times a year. Registration with ACT is required about six weeks in advance. <http://www.actstudent.org>
Price: \$38.00, plus \$16.50 for writing section

Fee Waivers are available. See your counselor for more information

New SAT Redesign

The SAT Test is one of two college entrance exams required by most colleges and universities. The SAT tests Evidence Base Reading and Writing, Mathematics with an optional Essay. Evidence-base 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/register>

Cost of the SAT without essay: \$43.00

Cost of the SAT with essay: \$54.50

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/register>

Price: Basic registration \$26.00. Language with Listening Test adds \$26. All other subject tests \$16.

Fee Waivers are available. See your counselor for more information

AP – Advanced Placement Exams

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

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. Students may be exempt from this test with specified scores on either the STAAR, SAT, or ACT. This test is given on college campuses and offered in CISD. Pre-registration is required. 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. To check for test schedules and to register, go to <http://ready.conroeisd.net>. Price: Free of charge the first time. 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 Family Connection.
- Start thinking about possible high school courses.

Eighth Grade – Fall

- Take a career inventory in Naviance Family Connection (your counselor will give directions).
- Take some courses for high school credit.

Eighth Grade – Spring

- Study the high school courses available. Look at PreAP, Advanced Placement, and Dual Credit opportunities.
- Create your 4-year plan in View-IT (Student Access Center). 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 Family Connection and other websites, such as College for All Texans (www.collegeforalltexas.com).
- Continue your college and career search through Naviance Family Connection.

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 Family Connection.
- 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
- Visit the College and Career Center on your campus and meet the counselor there.
- Participate in College Night.

Freshman Year – Spring

- Adjust your four-year plan as necessary in Naviance Family Connection and make informed course selections for your sophomore year.
- Continue to research careers, majors and colleges in Naviance Family Connection, 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 District College Night.
- Continue to do your research on careers, majors, and colleges in Naviance Family Connection.

Sophomore Year – Spring

- Continue to monitor college/work and/or technical training entrance requirements for changes. Modify your four-year plan in Naviance Family Connection 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 Family Connection 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 Family Connection 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.
- 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 Family Connection, 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 District College Night.

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 Family Connection.
- Take the SAT, ACT, and/or SAT Subject Tests.
- Check your class rank in Naviance Family Connection. 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.
- Register for and take appropriate AP exams.
- 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 Family Connection.
- Attend Destination College in mid-June to become more comfortable with the senior year application process.

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.
- 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 Family Connection.
- 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 Family Connection. Be sure requests are made well ahead of time.
- Research scholarship opportunities in Naviance Family Connection, and apply to as many as you qualify for.
- Attend Financial Aid Night.
- 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 Family Connection.

- Be sure all your college acceptances and scholarship awards are recorded in Naviance Family Connection 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 month of September, 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 16 Career Clusters

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

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

Career and Technical Education Courses

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

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

Course Number	Course	Certifications
K100	Principles of Agriculture, Food & Natural Resources	OSHA, First Aid, Junior Master Gardener
K103	Small Animal Management	Canine Care & Training Program
K105	Veterinary Medical Applications	Certified Veterinary Assistant
K112	Food Technology and Safety	ServSafe
K113	Food Processing	ServSafe
K114H	Wildlife, Fisheries & Ecology Management	Hunter/Boater Safety, TPWD Hunter Education
K117	Principles & Elements of Floral Design	Floral Certification
K121	Agricultural Mechanics and Metal Technologies	AWS D1.1 Structural Steel
K1222	Agricultural Facilities Design & Fabrication	AWS D1.1 Structural Steel
K124	Practicum in Agriculture, Food & Natural Resources	Certified Veterinary Assistant
K156	Advanced Architectural Design	Autodesk-ACAD, Autodesk-Revit, Apprentice Architectural Drafter Exam, Chief Architect
K161	Construction Technology	OSHA, NCCER
K1622	Advanced Construction Technology	NCCER
K2022	Advanced Animation	Autodesk 3ds MAX or Autodesk Maya
K204	Advanced Audio Video Production	Adobe Premier Pro
K2082	Advanced Graphic Design and Illustration	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
K253	Business Information Management II	MOS (Microsoft Office Specialist) Word, Excel PowerPoint or Access certification offered
K305	Accounting II	MS Office Excel certification, Peach Tree, or Quick Books
K350	Principles of Health Science	CPR and/or First Aid
K352	Health Science	CPR and/or First Aid
K353	Practicum in Health Science	Certified Pharmacy Technician
K354	Practicum in Health Science II	Certified Pharmacy Technician
KM3622	Certified Nurse Aide & Phlebotomy Training	Certified Nurse's Assistant/Phlebotomy
K377H	Restaurant Management	OSHA

Course Number	Course	Certifications
K379	Culinary Arts	ServSafe
K403	Lifetime Nutrition & Wellness	ServSafe
K405H	Child Development	CPR and/or First Aid
K406	Child Guidance	CCEI Childhood Credential Certificate
K2772	Instructional Practice in Education and Training	CCEI Childhood Credential Certificate
K2782	Practicum in Education and Training	CCEI Childhood Credential Certificate, PreProfessional Assessment and Certification
K412K	Cosmetology II	State Board License
K426	Computer Maintenance	A+
K437	Networking I	Cisco CCNA
K438	Networking II	Cisco CCNA
K451	Law Enforcement I	OSHA
K452	Law Enforcement II	9-1-1 Telecommunication
K454	Court Systems & Practices	9-1-1 Telecommunication
K4642	EMT/Clinicals	Emergency Medical Technician
K475	Principles of Manufacturing	OSHA, NCCER
K476	Welding	AWS D1.1 Structural Steel Code Position, D9.1 Sheet Metal Welding Code Position
K477	Advanced Welding	AWS D1.1 Structural Steel Code Position, NCCER, D9.1 Sheet Metal Welding Code Position, GMAW, SMAW
K478	Precision Metal Manufacturing	NIMS Varies
K479	Advanced Precision Metal Manufacturing	NIMS Varies
K505	Marketing Dynamics	A*S*K-Concepts of Finance, Fundamentals of Business Concepts, Fundamentals of Marketing Concepts
K506	Practicum in Marketing Dynamics I	A*S*K-Concepts of Finance, Fundamentals of Business Concepts, Fundamentals of Marketing Concepts
K5292	Advanced Engineering Design & Presentation	Autodesk-ACAD, Autodesk-Inventor
K5792	Automotive Technology	Timken, Valvoline, Gates, British Petroleum, Wix Tech, Wix Master

Advanced Technical Credit Program (ATC)

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

Grading and Class Rank System

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

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

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

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

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

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

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

Beginning with sophomore year, students will receive class ranks (in Naviance Family Connection) 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/pdf/policies/gpaexemptcourses.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 July 1 of the same year.) Since grade changes affect GPA, and ultimately the ranks of other students, it is very important to take care of these issues in a timely manner.

Transcripts

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

Grade Level Classification Requirements

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

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

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

Transfers and Transfer of Credit

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

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

Work Completed

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

If documentation is determined to be insufficient, credit-by-exams will be administered in the highest level of core classes completed in home school. If the student scores a 70 or above, credit will be awarded for all credits from the home school that match the state requirements – just as in any other transfer classes..

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. Grades recorded on the transcript will be those recorded by the home school or unaccredited school transcript. If no grades are sent, "P's" will be awarded.

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

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

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

Grade Transcription

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

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

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

The scale to be used is:

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

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

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

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 no 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 nine-week grading period. If passing all classes at that time, the student will regain eligibility. From that point forward, students may lose eligibility at the end of each nine weeks. (Nine weeks grade in each course determines eligibility, not semester exams or semester averages.)

- At the end of a semester, eligibility of the student is determined by the Nine Weeks Grade, not the semester exam or the Semester Average.

Eligibility can be regained at the three-week progress report if the student is passing all classes with a 70 or better.

- There is a one-week grace period before a student loses or regains eligibility.
- Students who score below a 70 in certain advanced courses (listed below) may petition the building principal for a waiver. All decisions by the principal are final.

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

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

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 PreAP
English II PreAP

Mathematics:
Geometry PreAP
Algebra II PreAP
Precalculus
Precalculus PreAP

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

Social Studies:
World Geography PreAP

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

Computer Science:
Computer Science PreAP

Approved Junior High School Courses:

May only waive 1 course per grading period.

English:
PreAP Language Arts

Mathematics:
PreAP Math
Algebra I
Geometry

Science:
PreAP Science

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

Examples of Typical Courses of Study for Core Content Courses

Typical Course Selection Options for English, Grades 9-12

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

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

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

Typical Course Selection Options for Science, Grades 9-12

	Grade 9	Grade 10	Grade 11	Grade 12
For students with advanced Science skills or identified as gifted in Science	Biology PreAP	Chemistry PreAP	Physics I AP	4 th Science Credit
For students who perform successfully in Science	Biology	Chemistry	Physics or Principles of Technology	4 th Science Credit

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

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

Other Credit Opportunities

Campus Permission

Students who wish to take any course outside of the traditional schedule must get administrative approval. This includes correspondence courses, virtual on-line courses, credits-by-exam, dual credit, summer school 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.

Virtual/Online Courses

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. Enrollment in courses through the TxVSN is not subject to limitations the District imposes for other distance learning courses.

Students interested in taking online courses must see their counselor for information. It is important for students to know that online courses are rigorous, and are 100% TEKS aligned.

Virtual 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.

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

Correspondence Courses

The District permits high school students to take up to two credits via state approved correspondence 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.

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

Credit by Exam

The National Collegiate Athletics Association (NCAA) guide states that these examinations do not count for core Grade Point Average in determining eligibility.

There are two types of Credit by 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 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

for 8th grade are 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 who are making a serious effort 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:

Online Applications will be available to students in **March 21, 2016**. Completed online applications are due no later than **Sunday, May 1, 2016**.

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. 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.
8. Students are not allowed to change facilities or activity programs during the year.
9. Different programs may not be combined to meet Category I minimum time requirements.
10. Transportation is not provided by CISD.
11. Background checks are not provided by CISD.
12. Students are responsible for all fees associated with the activity.

Category II: Junior High and High School:

Online Applications will be available to students in **March 21, 2016**. Completed online applications are due no later than **Sunday, May 1, 2016**.

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 high quality and well supervised by highly qualified instructors.
2. Off campus physical education is only available to students participating in individual sports.
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.

Club Sports: Junior High and High School:

Applications will be available to students in **March, 2016**. Completed applications are due no later than **Monday, May 2, 2016**. 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 2017

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 2017.

High School Acceleration/Initial Credit courses

Location: **TBD** Dates: **TBD**

- Art I
- Communications Applications*
- Economics
- English IV B
- Environmental Systems
- ESL Academy I, II, III (Earns ½ credit only)
- Government
- Health
- Math Models
- Precalculus
- Spanish II
- Spanish III PreAP
- 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

5/25/2016

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

Registration: **TBD**

Dates: **TBD** Location: **TBD**

Parent Meetings: **TBD** Location: **TBD**

Junior High Summer School

Location: **TBD** 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** Date: **TBD**

Retest dates: **TBD (Math) TBD (Reading)**

Catalog of Courses: Senior High

Courses are offered by all schools unless otherwise noted.

CC=Caney Creek **CH**=Conroe HS
O=Oak Ridge **CP**=College Park
W=The Woodlands

Science

012 Biology

Transcript Code: BIO

Credit: 1

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

014 Biology PreAP

Transcript Code: BIO

Credit: 1

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

015 Biology AP

Transcript Code: AP-BIO

Prerequisite: Biology and Chemistry (Pre-AP 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, plant and animal physiology, and ecology. Laboratory work is emphasized. A summer assignment will be required. Students are 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. Topics include scientific measurement and calculations, lab skills, atomic structure, chemical formulas, equations and stoichiometry, chemical bonding, states of matter, solutions, acids and bases, and nuclear chemistry. Laboratory skills and safety procedures are stressed.

023 Chemistry PreAP

Transcript Code: CHEM

Prerequisite: Biology and Algebra I and concurrent enrollment in Geometry or Algebra II (PAP Recommended)
Credit: 1

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

024 Chemistry AP

Transcript Code: AP-CHEM

Prerequisite: Chemistry and Algebra II (Algebra II may be concurrent, Pre-AP 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 are 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 (CP)

Understanding how chemistry applies to daily life is the major emphasis of this course. The topics include scientific measurement and calculations, chemical formulas and equations, stoichiometry, atomic structure, chemical bonding, states of matter, and solutions. This is a course for students with limited mathematics skills.

028 Physics I AP

Transcript Code: APPHYS I

Prerequisite: Chemistry, Algebra II (Pre-AP 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 (CH, O, W)
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, heat, sound, electricity, and light.

032 Physics H

Transcript Code: PHYSICS

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

Credit: 1 (CP, O, W)

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

035 Physics C AP

Transcript Code: AP-PHYSC

Prerequisite: Physics (031 or 032), OR Physics I AP (28) and concurrent enrollment in Calculus

Credit: 1

AP Physics C is a calculus based college level physics course. It is designed for students who are planning to major in science or engineering. Major topic areas of study include classical mechanics, electricity and magnetism. Problem solving will be rigorous. A variety of hands-on laboratory investigations and inquiry activities will be included. Students are required to take the AP Physics C 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 credits of Science

Credit: 1 (CH)

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

044 Environmental Science AP

Transcript Code: AP-ENVIR

Prerequisite: Chemistry and Geometry

Credit: 1

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

K533 Robotics & Automation

Transcript Code: ROBOTA

Prerequisite: Concepts of Engineering, Technology, and Electronics Recommended for 11-12

Credit: 1 (CC)

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.

K535 Scientific Research and Design

Transcript Code: SCIRD

Prerequisite: Concurrent enrollment in Biology

Credit: 1 (CH, O, CP)

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

K536 Scientific Research and Design II: Electronics and Robotics Honors

Transcript Code: SCIR02

Credit: 1 (CH, O, CP)

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

K527 Advanced Biotechnology

Transcript Code: ADVBIOT

Prerequisite: Biology and Chemistry

Credit: 1 (CP)

Students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as

agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques.

K355 Anatomy and Physiology Honors

Transcript Code: ANATPHYS
Prerequisite: *Biology and Chemistry*
Credit: 1

This course is an in-depth study of the systems of the human body. Each system is investigated using illustrations, microscope slide studies, physiological experiments, computer simulations, and detailed dissections of the cat.

K356H Medical Microbiology Honors

Transcript Code: MICRO
Prerequisite: *Anatomy & Physiology or concurrent enrollment*
Credit: .5 (CH, O)

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

K357 Pathophysiology Honors

Transcript Code: PATHO
Prerequisite: *Anatomy and Physiology or concurrent enrollment*
Credit: .5 - 1 (CH, O, CP)

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

K534 Principles of Technology

Transcript Code: PRINTECH
Prerequisite: *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 laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and behavior of waves.

054 Organic Chemistry Honors

Transcript Code: ORGCHEM
Prerequisite: *Chemistry, Physics (Honors recommend)*
Credit: 1 (CP, W)

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

K453 Forensic Science

Transcript Code: FRENSCI
Prerequisite: *Biology and Chemistry.*
Recommended prerequisite: *Law Enforcement I*
Credit: 1

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

060 Lab Management

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

061 Internship

Transcript Code: INTERSH LP

Credit: Local credit (CH)

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 1 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 (CH, CP)

067 Explorations in Science and Technology

Transcript Code: EXPLORAT LC
Credit: Local credit (CP)

Social Studies

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 PreAP

Transcript Code: W GEO
Credit: 1

The skills and strategies developed in this course are to prepare students for Advanced Placement courses.

103 Human Geography AP

Transcript Code: AP HUMGEOW
(Pre-AP experience recommended)
Credit: 1

This class is equivalent to an introductory one semester college course. The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students are required to take the AP Human Geography exam.

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.

152H Special Topics in World Geography (Fall Semester)

Transcript Code: SPTSS4

Credit: .5

103H Human Geography AP

(Spring Semester)

Transcript Code: APHUM GEOE

Credit: .5

Both courses required within same school year (Pre-AP experience recommended)

These courses combine to be equivalent to an introductory one semester college course. The purpose of Special Topics in Social Studies (152H) is to introduce to students the evolution of human civilization through its impact with the Earth's surface. Students will continue their systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface in the spring semester in AP Human Geography (103H). Students are required to take the AP Human Geography Exam.

105 World History

Transcript Code: W HIST

Prerequisite: *World Geography 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 HonorsPrerequisite: *World Geography or AP Human Geography*

Credit: 1 (CH, CP, O, W)

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 or AP Human Geography (PREAP 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*

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*

Credit: 1 (O, CP, W)

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

112 US History AP

Transcript Code: APUSHIST

Prerequisite: *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 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.

115H US Government

Transcript Code: GOVT

Prerequisite: *US History*

Credit: .5

In Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels.

118UH Government Dual Credit (2305)

Transcript Code: GOVT

Prerequisite: *US History (AP or Honors Recommended) and Lone Star College Montgomery readiness requirements.*

Credit: .5

This class is 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.

116H US Government Honors

Transcript Code: GOVT

Prerequisite: *US History*

Credit: .5 (O, CP, W)

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

117H US Government AP

Transcript Code: APUSGOVT

Prerequisite: US History (AP, Honors, or dual credit 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.

120H Economics

Transcript Code: ECO-FE

Prerequisite: US History

Credit: .5

The focus is on the basic principles concerning production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world.

121H Economics Honors

Transcript Code: ECO-FE

Prerequisite: US History

Credit: .5 (O, CP, W)

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

122H Macroeconomics AP

Transcript Code: APMACECO

Prerequisite: US History (AP, Honors, or dual credit 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 or concurrent (AP or Honors

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.

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: Pre-AP 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 (CC, CH, CP, O, W)

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 (CH)

This course includes the content and history of the Hebrew Scriptures and New Testament. The curriculum will also familiarize students with the influence of the Bible on law, history, literature, and the culture of western civilization. This course maintains religious neutrality and accommodates the diverse religious views, traditions, and perspectives of students. This course does not endorse, favor, or promote, or disfavor or show hostility toward, any particular religion or

nonreligious faith or religious perspective.

153 Student Leadership (Student Council)*

Transcript Code: STULEAD

Credit: 1 (1st year only) (O, CP, W)

This course provides the opportunity for active members of the Student Council to plan, organize and direct activities to enhance student communication, student support, and student leadership within their school community.

154H Teen Leadership I

Transcript Code: TEENLDR

Credit: .5

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

154B Teen Leadership II

Transcript Code: TEENLDR

Prerequisite: Teen Leadership

Credit: .5 (CC, CH, CP)

This course continues the application of skills developed in Teen Leadership I. The class incorporates public speaking, communication, decision-making, fiscal planning, and long-range planning through a variety of activities.

155 Student Council LC

Credit: Local credit (O, CP, W)

Math

159 Algebra I Honors

Transcript Code: ALG 1

Credit: 1 (CH, O, W)

While covering the same basic objectives of the 162 Algebra I course, students in this course will be challenged with assignments requiring higher order thinking skills.

162 Algebra I

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,

computation in problem-solving contexts, language and communication, connections within and outside of mathematics, and reasoning, as well as multiple representations, applications and modeling, and justification and proof.

164 Geometry

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 PreAP

Transcript Code: GEOM

Prerequisite: Algebra I

Credit: 1

While covering the same basic objectives of the 164 Geometry course, students in this course will be challenged with assignments requiring exploration, abstract and higher order thinking skills and be required to synthesize their knowledge of postulates and theorems to organize and construct detailed proofs of more complex mathematical theorems. Successful students are willing to devote time to memorizing basic theorems and postulates.

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 PreAP

Transcript Code: ALG 2

Prerequisite: Geometry (Pre-AP recommended)

Credit: 1

While covering the same basic objectives of the 167 Algebra II course, students in this course will be challenged with assignments requiring abstract and higher order thinking skills. This course provides a solid foundation for upper-level mathematics courses. Graphing calculators 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 Precalculus

Transcript Code: PRE CALC

Prerequisite: Algebra II

Credit: 1

Precalculus is a preparatory course for Calculus. The course expands on the Geometry and Algebra II curriculum. Topics covered include polynomial functions, exponential functions,

logarithmic functions, circular functions, trigonometry, inequalities, complex numbers, sequences and series, parametric equations, conic sections, and vectors. There is an emphasis of higher level thinking with a strong emphasis on graphing applications. Graphing calculators and other graphing utilities are used when appropriate.

K307 Statistics and Risk Management

Transcript Code: STAT SRM

Prerequisite: Algebra II and Accounting recommended

Credit: 1

Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

171 Precalculus PreAP

Transcript Code: PRE CALC

Prerequisite: Algebra II (Pre-AP recommended)

Credit: 1

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

174 Statistics AP

Transcript Code: APSTATS

Prerequisite: Algebra II (PreAP 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: Precalculus (PreAP recommended)

Credit: 1

This course is designed for advanced math students. Limits, derivatives, and the definite integral are studied in detail. This course emphasizes the various types and applications of differentiation and integration. Students are required to take the AP Calculus AB exam.

176 Calculus BC AP

Transcript Code: APCALCBC

Prerequisite: Precalculus (PreAP recommended)

Credit: 1

This course is for highly motivated math oriented students who desire the challenge of a college course. The curriculum includes all AB topics plus methods of integration, calculus of polar functions, parametric functions, and vectors, sequences and series including Taylor and McClaurin functions. Students are required to take the AP Calculus BC exam.

183 IS: Research Project in Mathematics I Honors

Transcript Code: INSTUMTH

184 IS: Research Project in Mathematics II Honors

Transcript Code: INSTMTH2

185 IS: Research Project in Mathematics III Honors

Transcript Code: INSTMTH3
Credit: 1 (CP)

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 (CC, CH, O, W)

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: College Algebra H

Credit: .5 (CC, CH, O, W)

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

863 Computer Science I AP

Transcript Code: APTACSA

Prerequisite: Computer Science I PreAP

Credit: 1 (CH, O, CP, W)

This course follows the College Board Computer Science Advanced Placement Guidelines. The course will be taught using the programming language Java. The Barron's study guide will be used in preparation for the AP Computer Science A test. This course may be counted as a math credited on the Recommended Plan ONLY. Students are required to take the AP Computer Science exam.

1971 College Prep Math (TSI)

Transcript Code: CPMAT

Prerequisite: Algebra II Recommended and Committee approved.

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. Emphasis on the ability to demonstrate organizational structure, a controlling idea or thesis and writing for a variety of audiences will be practiced.

202 English I PreAP

Transcript Code: ENG 1

Credit: 1

This course offers an in-depth study of world literature from multiple genres. Students read and write extensively as they explore the significance of historical context, as well as literary forms, terms, and techniques. Clarity, logic, and the ability to formulate and defend a thesis statement are key components of writing instruction and practice. Students will complete compositions both outside and inside of class. These will include 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 PreAP

Transcript Code: ENG 2

Prerequisite: English I

Credit: 1

This course focuses on an in-depth analysis of world literature from multiple genres. Students read and write extensively as they interpret influences of the historical context on a literary work and learn literary forms and terms associated with the readings. All modes of writing are practiced with an emphasis on persuasive 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 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 (O, CP, W)

This in-depth study of American literature will provide students with an opportunity to recognize and evaluate major periods, authors, themes, works, and forms of American literature. Analytical reading and writing, research, and English grammar and usage will be addressed. This honors course exceeds the traditional requirements through content, process, and product.

214 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 (CC, CH, O, W)

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

2171U English IV Dual Credit (2332 and 2333)

Transcript Code: ENG 4

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

Credit: 1 (CC, CH, O, W)

This course teaches students to trace, interpret, and evaluate the cultural and literary development of World

Literature (English 2332 and 2333), both in form and content, from the Classical Age to the present time. Students will read, interpret and evaluate literary works through understanding of the theme, situation, tone, structure, and style of the literature and write logical, well-organized, well-supported critical responses to literary works, using appropriate documentation, as required. They will understand the distinguishing characteristics of various genres of literature and recognize the aesthetic, moral, and intellectual values of literature as well as recognizing major themes in literature. The student must earn a 70 overall semester average to earn each 3 hours of college credit.

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.

2111 English IV College Prep: Integrated Reading and Writing II (TSI)

Transcript Code: CPELA

Prerequisite: English III, TSI score, and committee approval

Credit: 1

This Course does not satisfy requirements for the Recommended graduation Plan

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 (O, CP, W)

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

220 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.

2211U English IV Dual Credit (1301 and 1302)

Transcript Code: ENG 4

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

Credit: 1 (CH, CP, W)

This course combines British and world literature with Lone Star College 1301

and 1302 Composition and Rhetoric I and II. The course emphasizes both effective and critical reading and writing. Through intensive analysis of a variety of literary genres and styles, the students acquire greater appreciation of excellent writing, while also improving their own writing ability. The student must meet all Montgomery College requirements prior to the course beginning.

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.

226 Contemporary Media

Transcript Code: CONTMED

Prerequisite: English II or concurrent enrollment

Credit: 1 (W)

Students explore the role of media as it influences tastes, behavior, purchasing, and voting decisions. The historical development of media and its related technologies and personalities will be examined. Students will plan, produce, present, and evaluate media messages. Students will explore relationships among various forms of mass communication and evaluate the roles of television, film, radio, social media, internet, periodicals, music, etc. as historical and cultural timelines.

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 (CP, W)

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 (CH, O, CP, W)

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.

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.

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: JRNLMS

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: JRNLMS

Credit: 1 (O)

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.

243 Advanced Broadcast Journalism I

Transcript Code: BRCTJOR1

Prerequisite: Journalism

Credit: 1 (O)

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 (O)

245 Advanced Broadcast Journalism III

Transcript Code: BRCTJOR3

Credit: 1 (O)

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 (W)

247 Advanced Journalism Literary Magazine II

Transcript Code: LM2

Credit: 1 (W)

This course allows students to further develop magazine production skill and participate in publishing the High School Literary Magazine.

250 Advanced Journalism Newspaper I

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

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.

258 Photojournalism

Transcript Code: PHOTJOUR

Prerequisite: English I

Credit: 1 (CC, O, CP)

This course is an extensive guide to concepts of photography with emphasis on equipment, techniques, film, lighting, composition and photojournalism.

Students must have either a 35 mm SLR with manual capabilities or a digital camera with a minimum of 5 megapixels and manual capabilities.

259H IS: Journalism Photojournalism

Transcript Code: INDJOUR

Prerequisite: Photojournalism

Credit: .5 (CC)

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)

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 II

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.

311 Spanish II NS

Transcript Code: SSSPAN2

Prerequisite: Spanish I NS (316)

Credit: 1 (CC, CH, O)

This course is designed for students whose home language is Spanish. Students will be given the opportunity

to expand their ability to comprehend, speak, read, and write Spanish in accordance with their linguistic and cultural strengths.

302 Spanish III

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 PreAP

Transcript Code: SPAN 3

Prerequisite: Spanish II

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: APSPAN

Prerequisite: Spanish III

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: SPSPANIT

Prerequisite: Spanish III PreAP (303)

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.

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 PreAP

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 PreAP (323)

Credit: 1

The study of French literature, philosophy, culture, and language continues with an emphasis on oral and written communication. Students concentrate on the areas of reading and composition to prepare for the AP French Literature examination. French is spoken in the classroom most of the time. 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 PreAP

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 PreAP

Credit: 1

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

370 Japanese I

Transcript Code: JAPN 1

Credit: 1 (CP, W)

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

371 Japanese II

Transcript Code: JAPN 2

Prerequisite: Japanese I

Credit: 1 (CP, W)

Continued study in this course will enable students to function in Japanese situations which are important in everyday life. Students will continue to practice reading and writing HIRAGANA and KATAKANA and will learn about 100 KANJI in this course. Oral activities will

be stressed and cultural activities will be the important part of the class. They will continue to read basic materials.

372 Japanese III PreAP

Transcript Code: JAPN 3

Prerequisite: Japanese II

Credit: 1 (CP, W)

Students will learn colloquial expressions and plain verb endings related to everyday topics so that they will be able to communicate smoothly in more informal situations. They will learn about 200 basic KANJI. They will engage in oral and listening comprehension exercises. They will also continue to practice reading and writing. Cultural activities will continue.

377 Japanese IV AP

Transcript Code: APJAP LAN

Prerequisite: Japanese III PreAP

Credit: 1 (CP, W)

Students will read, discuss, and write reports on various topics of everyday life and contemporary Japanese culture. They will learn 150-200 additional KANJI during the course. Students will deal with complex grammar and sentence structure 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 (CH, O, CP, W)

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

able to engage in simple daily conversation and complete the beginner level ready for Elementary level Chinese II.

386 Chinese II

Transcript Code: CHIN 2

Prerequisite: Chinese I

Credit: 1 (CH, O, CP, W)

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

387 Chinese III PreAP

Transcript Code: CHIN 3

Prerequisite: Chinese II

Credit: 1 (CH, O, CP, W)

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

388 Chinese IV AP Language

Transcript Code: APCH LAN

Prerequisite: Chinese III PreAP

Credit: 1 (CH, O, CP, W)

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.

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 will not count as a level II LOTE course and does not meet college requirement for a second year of LOTE.**

Fine Arts

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

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

400 Art I

Transcript Code: ART 1

Credit: 1

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

401 Art II Ceramics

Transcript Code: ART2CRM C

Prerequisite: Art I or Approved Art Accelerated Portfolio

Credit: 1 (CH, O, CP, W)

This is a course in clay which encompasses both sculpture and pottery. Students will study the properties and processes of clay,

including hand building, wheel throwing, kiln firing and glazing. Understanding and application of the Elements and Principles of Art and Design will guide the criteria. Integration of appreciation, aesthetics and history will add enrichment to the hands-on studio practice.

402 Art II Drawing

Transcript Code: ART2DRAW

Prerequisite: Art I or Approved Art Accelerated Portfolio

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 or Approved Art Accelerated Portfolio

Credit: 1 (CP, W)

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 or Approved Art Accelerated Portfolio

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 or Approved Art Accelerated Portfolio

Credit: 1 (CP, W)

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 or Approved Art Accelerated Portfolio

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 (CH, O, CP, W)

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 (CP, W)

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 (CP, W)

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.

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.

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 (CP, W)

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 (CP, W)

This course offers students an opportunity to choose a concentration in Photography with more in-depth

study of advanced photography and individual portfolio development. 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 I or Painting I 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.

396 Two-Dimensional Design Portfolio AP

Transcript Code: AP2DDP

Prerequisite: Art Level II course or portfolio review

Credit: 1-2

The 2-D Design portfolio addresses a broad interpretation of Design. Any 2-D media including, but not limited to graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, printmaking, etc., may be submitted. College credit for Advanced Placement in studio art can be earned with portfolio of work produced in these courses and submitted and evaluated to the College Board at examination time. (Credit earned is dependent upon score received and policies of the university). Studio practice emphasizes independent exploration and research, experimentation of materials and themes, concept development, some

instructor-guided exercises, consideration of college and career choices, presentation and exhibition. Current trends will be examined through media studies and presentations by Admissions Counselors from recognized art schools. Fees include the slide portfolio for exam submission material, and tools for multi-media exploration and presentation matting. Students are required to submit a portfolio for the AP Two-Dimensional Art exam.

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.

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.

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 (CC, CH, O, W)

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 (CC, CH, O, W)

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

449 Theatre Production IV –

Musical Theatre

Transcript Code: TH4PROD

Prerequisite: Theatre Production III

Credit: 1 (CH, W)

This course is designed for those students who are interested in vocal music, theatre, and dance. Students will learn correct vocal production, musical theatre acting style, and various forms of dance including ballet, tap, and jazz. Students enrolled in this course are

required to participate in the theatre department's fall musical production. Dance credit will be received for this course.

455 Technical Theatre I

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 (CH)

Students will direct a play for public audience. Students will select a script, analyze it, design the production, cast, and rehearse the actors. Prior approval from drama teacher is required.

465 Concert Band I

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 (CP)

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 (CH)

This is a participatory instrumental ensemble class that focuses on the learning, development and performance of all classifications of jazz music, with a strong emphasis on improvisation and application of music theory. The jazz band is a performance based organization and participation at out-of-school performances and rehearsals is required. Students must participate in one of the parent instrumental organizations (band, orchestra) in order to enroll in this class.

485 Percussion Ensemble I

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 (CC, CH, O, CP)

This course is reserved for percussion students who have achieved a high level of success on their instruments. The ensemble performs numerous concerts with the band classes throughout the year, participates in UIL and TMEA sponsored events and participates in the marching band. Participation in summer marching camp and all out-of-school performances and rehearsals is required.

490 Symphonic Band I

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 (CH, O, CP, W)

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.

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: MUS1CHOR

516 Chamber Choir II

Transcript Code: MUS2CHOR

517 Chamber Choir III

Transcript Code: MUS3CHOR

518 Chamber Choir IV

Transcript Code: MUS4CHOR

Prerequisite: By audition

Credit: 1

The Chamber Choir is a small, highly selective mixed choir. The main objective of this choir is to prepare and perform music from all musical time periods which are suitable for Chamber Choir. Considerable demands will be placed upon students in this ensemble with regard to UIL and TMEA contest

preparation, civic concerts, choir festivals, formal concerts, and other performance obligations as scheduled. Participation at out-of-school rehearsals and performances is required.

520 Men's Chorus I

Transcript Code: MUS1CHOR

521 Men's Chorus II

Transcript Code: MUS2CHOR

522 Men's Chorus III

Transcript Code: MUS3CHOR

523 Men's Chorus IV

Transcript Code: MUS4CHOR

Prerequisite: By audition

Credit: 1 (CC, O, CP)

The Men's Chorus is a choral organization for male voices with moderate performance demands. The choir will participate in concerts, TMEA and UIL events. The primary purpose of this choir is to serve as a preparatory choir, stressing vocal fundamentals and music reading skills. Participation at out-of-school rehearsals and performances is required.

525 Non-Varsity Women's Choir I

Transcript Code: MUS1CHOR

526 Non-Varsity Women's Choir II

Transcript Code: MUS2CHOR

527 Non-Varsity Women's Choir III

Transcript Code: MUS3CHOR

528 Non-Varsity Women's Choir IV

Transcript Code: MUS4CHOR

Prerequisite: By audition

Credit: 1 (CC, O, CP)

530 Treble Choir I

Transcript Code: MUS1CHOR

531 Treble Choir II

Transcript Code: MUS2CHOR

532 Treble Choir III

Transcript Code: MUS3CHOR

533 Treble Choir IV

Transcript Code: MUS4CHOR

Prerequisite: By audition

Credit: 1 (CH, O, CP, W)

The Treble Choir is a choral organization for female voices with moderate performance demands. The choir will participate in concerts, TMEA and UIL events. The primary purpose of this choir is to serve as a preparatory choir, stressing vocal fundamentals and music reading skills. Participation at out-of-school rehearsals and performances is required.

535 Varsity Women's Choir I

Transcript Code: MUS1CHOR

536 Varsity Women's Choir II

Transcript Code: MUS2CHOR

537 Varsity Women's Choir III

Transcript Code: MUS3CHOR

538 Varsity Women's Choir IV

Transcript Code: MUS4CHOR

Prerequisite: By audition

Credit: 1 (O, W)

Varsity Women's Choir is a choral organization with stringent performance demands. Considerable demands are placed upon each choir member with regard to UIL and TMEA contest participation, civic concerts, choir festivals, formal concerts, and other performance obligations as scheduled. Participation at out-of-school rehearsals and at all performances is required.

540 Vocal Ensemble I

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 (O, CP)

550 Music Theory I

Transcript Code: MUSSMT1

Credit: .5 - 1

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 (CC, O, CP, W)

This is a competitive dance team which provides entertainment for various school activities, athletic events, community events as well as participating in dance team competitions and camps. Participation in after school rehearsals and performance is required. Team members will incur team related expenses. Guidelines, rules, and regulations must be followed. The drill team is open to any girl who can meet the eligibility requirements and can qualify before a panel of judges in a yearly audition in the Spring Semester. Drill Team is a full year course.

570 Choreography

Transcript Code: CHOREOGR LC

Prerequisite: Dance III (557)

Credit: Local credit (CH)

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

571 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 (CH)

This course is a performance-based class which provides entertainment for various school activities, athletic events, and community events. Participation in after school rehearsals and performances is required. Placement in this course is by audition.

Health and Physical Education

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.

584 PE

Transcript Code: PE LC

Credit: Local Credit (W)

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 (O, W)

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

6331 Trainer I

5/25/2016

Transcript Code: SUBATH1

6332 Trainer II

Transcript Code: SUBATH2

6333 Trainer III

Transcript Code: SUBATH3

6334 Trainer 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 (CC, CH, CP, O, W)

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

Credit: .5 - 1

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

K102H Livestock Production

Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)

Credit: .5

Introduces the common veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals. This course is recommended for those that have an interest in the Veterinary Science field.

K103 Small Animal Management

Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)

Credit: .5 - 1

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)

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 (recommended)

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

Credit: 1 (CC, CH, O, W)

Prerequisite: Vet Med AP

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics, and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock. This class is recommended for those students with an interest in Veterinary Science.

K107 Professional Standards in Agribusiness

Transcript Code: PROSAFNR

Credit: 1

Prerequisite: Principles of Agriculture (Recommended)

This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness.

K112 Food Technology and Safety

Credit: 1 (CC)

This course examines the food technology industry as it relates to food production, handling, and safety.

K113 Food Processing

Prerequisite: Food Technology and Safety

Credit: 1 (CC)

This course focuses on the food processing industry with special emphasis on the handling, processing, and marketing of food products.

K114H Wildlife, Fisheries & Ecology Management

Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)

Credit: .5

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 Principles & Elements of Floral Design

Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)

Credit: 1

Exposes students to the basic techniques of floral design. This class is project-based with many large and small projects used to evaluate the progress of the student. There are lots of hands-on activities to involve the students in techniques required in the floral industry. [May meet Fine Art credit requirement.](#)

K118H Landscape Design & Turf Grass Management

Prerequisite: Principles of Agriculture, Food & Natural Resources (recommended)

Credit: .5 (CP, O)

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)

Credit: .5 - 1 (CP, O)

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)

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.

K1222 Agricultural Facilities Design & Fabrication

Prerequisite: Agriculture Mechanics and Metals

Credit: 2 (CH, O, W)

Introduce and develop principles of electricity. Geographic Information Systems (GIS), working with concrete, water-management systems, masonry, drywall, and roofing materials.

K124 Practicum in Agriculture, Food & Natural Resources

Prerequisite: Advanced courses in Agriculture, Food & Natural Resources

Credit: 2-3 (CH, O, W)

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.

Architecture & Construction

K150 Principles of Architecture & Construction

Credit: .5 - 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

Credit: .5 - 1

Prerequisite: 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.

K152 Advanced Interior Design

Prerequisite: Interior Design

Credit: 1 (CP, O, W)

Students will use interior design theory, layout & design lines, symbols, and drawings to create original projects which will include the use of colors and furnishings. Projects will include kitchen and bath design as well as commercial and residential design. Furnishings will be emphasized.

K153 Practicum in Interior Design

Credit: 2-3 (O, CP, W)

Prerequisite: Advanced Interior Design

The practicum course is a paid or unpaid capstone experience or independent study course for students participating in a coherent sequence of career and technical education courses in the field of interior design. Instruction may be delivered through laboratory training or through career preparation delivery arrangements.

K155 Architectural Design

Prerequisite: Algebra I, Geometry, & Principles of Architecture & Construction (Recommended)

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.

K156 Advanced Architectural Design

Prerequisites: Architectural Design

Credit: 2-3

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

K161 Construction Technology

Credit: 1 (CH, O)

Students will gain knowledge and skills related to various careers in the construction trade. Student acquire knowledge in areas such as; safety, measuring, laying-out, handtools/power tools, and assembling. Students will participate in hands-on lab activities, such as; blueprint reading, framing, roofing, etc.

K1622 Advanced Construction Technology

Prerequisite: Construction Technology

Credit: 2 (CH, O)

Students will gain advanced knowledge and skills specific to those needed to enter the construction 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.

K172 Practicum in Architecture and Construction

Prerequisite: Advanced courses in Architectural & Construction

Credit: 2-3

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.

Arts, A/V Technology & Communications

K200 Principles of Arts, A/V Technology & Communication

Credit: .5 - 1

Students will develop an understanding of the various and multifaceted career opportunities in Arts, Audio/Video Technology & Communication and the knowledge, skills, and educational requirements for those opportunities.

K201 Animation

Prerequisite: Art I or Graphic Design Illustration and Principles of Arts, A/V Technology & Communication (recommended)

Credit: 1 (CH, O, CP, W)

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.

K2022 Advanced Animation

Prerequisite: Animation

Credit: 2 (CH, O, CP, W)

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing Advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to create two and three dimensional animations. The instruction also assists students seeking careers in the animation industry.

K203 Audio Video Production

Prerequisite: Principles of Arts, A/V, Technology & Communication (Recommended)

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.

K204 Advanced Audio Video Production

Prerequisite: Audio Video Production

Credit: 2-3

Students will identify specific elements of scriptwriting needed for a successful production, including cast, props, and sound effects. Students will demonstrate appropriate knowledge of components and digital editing. Students must understand the various delivery formats such as disk, broadcast, cellular, portable devices, electronic and online delivery. Students will discuss the responsibilities of directors, including the relationship to the production team

and the responsibilities of crew members.

K2052 Practicum in Audio/Visual Production

Prerequisite: Advanced Audio/Video Production or Advanced Animation

Transcript Code: PRACAVT

Credit: 2

Students in this course will develop advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, and will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

K205K Practicum in Audio/Visual Production

Prerequisite: Advanced Audio/Video Production or Advanced Animation

Transcript Code: PRACAVT

Credit: 3

Students in this course will develop advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, and will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

K207 Graphic Design and Illustration

Prerequisite: Principles of Arts, A/V, Technology & Communication (recommended)

Credit: 1 (CH, O, CP, W)

Students are introduced to the tools and skill sets required in the graphic design industry. Students will be expected to develop an understanding of the principles and elements of graphic design. Students will learn to use the following applications to support their design work: Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Acrobat. Students will design and produce a wide range of graphic products, including posters, packaging, business graphics, and personal graphics.

K2082 Advanced Graphic Design and Illustration

Prerequisite: Graphic Design and Illustration

Credit: 2 (CH, O, CP, W)

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.

K2092 Practicum in Graphic Design and Illustration

Prerequisite: Advanced Graphic Design and Illustration, Advanced Commercial Photography, or Advanced Animation

Credit: 2-3

Take your knowledge of graphic design and illustration to the next level!

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. In addition to developing technical skills, 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 (outside work) opportunities.

This practicum course is designed to provide classroom technical instruction and on-the-job training experiences for students participating in a coherent sequence of Career and Technical Education courses in the field of Graphic Design.

In addition to technical knowledge and skills, students gain an understanding of career opportunities available in Graphic Design and what employers require to gain and maintain employment in these careers. Students will gain knowledge of the business aspect of working with and for customers.

Students recognize the value of effective work ethics and attitudes and develop communications and problem-solving skills.

Students will create a portfolio of their work which will consist of original designs. The portfolio will benefit students seeking employment and higher education in the field of Graphic Design.

K211 Commercial Photography

Credit: 1 (W)

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.

K213 Fashion Design

Prerequisite: Principles of Arts, A/V Technology & Communications (Recommended)

Credit: 1 (CH, O, CP, W)

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

K214 Advanced Fashion Design

Prerequisite: Fashion Design

Credit: 2-3 (O, CP, W)

Students will develop an advanced understanding of fashion with an emphasis on design and construction of clothing. They will explore textiles and the appropriate uses as well manufacturing techniques. Students will use multiple machines in the construction of 3-4 projects.

K215 Practicum in Fashion Design

Prerequisites: Fashion Design and Advanced Fashion Design

Credit: 2-3 (O, CP)

In this lab-based class, students will create a portfolio of their work which will consist of original designs. Advanced sewing techniques will be taught. Students will gain knowledge of the business aspect of fashion and retailing. They will also gain knowledge of how to plan special events such as fashion shows and trunk shows.

Business Management & Administration

K250 Principles of Business, Marketing & Finance

Credit: .5-1

Students are introduced to knowledge and skills of economics and private enterprise a systems, impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles.

K251H Touch System Data Entry

Credit: .5 (CC, O, W)

Students apply technical skills to address business applications of

emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills through use of proper keyboarding technique while developing speed and accuracy.

K252 Business Information Management I

Prerequisite: Principles of Business, Marketing & Finance (Recommended)

Credit: 1

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

K253 Business Information Management II

Prerequisite: Business Information Management I

Credit: 1 (CC, CP, O, W)

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.

K255H Business Law

Prerequisite: Principles of Business, Marketing & Finance (Recommended)

Credit: .5 (CC, O, CP, W)

Students analyze the evolution and development of laws that govern business in our society. Students apply technical skills to address business applications of contemporary legal issues and analyze the social responsibility of business and industry.

K256H Global Business

Prerequisite: Principles of Business, Marketing & Finance (Recommended)

Credit: .5 (O, CP, W)

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

K258H Virtual Business

Prerequisite: Prerequisite: Principles of Business, Marketing & Finance (Recommended)

Credit: .5

(CP, O)

Students will be able to identify steps needed to locate customers, set fees and develop client contracts. Students will be able to provide administrative, creative, and technical services using advanced technological modes of communication and data delivery. The student builds a functional website that incorporates the essentials of a virtual business.

K259 Business Management

Prerequisite: Principles of Business, Marketing & Finance (Recommended)

Credit: 1-2 (CC, CP, O, W)

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

K260 Practicum in Business Management I

Credit: 2-3 (H, O)

Prerequisite: Touch System Data Entry and Business Management (Recommended for grade 12)

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 economical, 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.

K261 Practicum in Business Management II

Credit: 2-3 (H, O)

Prerequisite: Touch System Data Entry and Business Management (Recommended for grade 12)

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 economical, 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.

Education & Training

K275 Principles of Education and Training

Credit: .5-1 (CC, CP, W)

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

Credit: 1 (CC, CP, O)

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.

K277 Instructional Practices in Education and Training

Prerequisite: Principles of Education & Training (Recommended)

Credit: 1-2 (CC, CP, W)

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

K278 Practicum in Education and Training

Credit: 2-3 (CC, CP, W)

Prerequisite: Instructional Practices in Education and Training.

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.

Finance

K250 Principles of Business, Marketing & Finance

Credit: .5-1

Students are introduced to knowledge and skills of economics and private enterprise a systems, impact of global business, marketing of goods and

services, advertising, and product pricing. Students analyze the sales process and financial management principles.

K300H Money Matters

Prerequisite: Principles of Business, Marketing & Finance (Recommended)

Credit: .5 (CC, CH, O, CP, W)

Students will investigate global economics in the free enterprise system and its impact on consumers and businesses. Students apply critical thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term goals based on these options. Students will determine methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning.

K301H Banking and Financial Services

Prerequisite: Principles of Business, Marketing and Finance (Recommended)

Credit: .5 (CC, CP, O, W)

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)

Credit: 1

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

K305 Accounting II

Prerequisite: Accounting I

Credit: 1 (CC, O, CP, W)

Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial,

technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making.

K3071 Statistics & Risk Management

Prerequisite: Accounting I and Algebra II (Recommended)

Credit: 1

Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

Health Science

K350 Principles of Health Science

Prerequisite: Biology (Concurrent)

Credit: .5-1 (CH, O, CP, W)

The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

K351H Medical Terminology

Credit: .5 (CH, O, CP, W)

Prerequisite: Principles of Health Science (Recommended)

This course introduces students to the structure of medical terms, including word roots, prefixes and suffixes and abbreviations.

K352 Health Science

Prerequisites: Biology, Principles of Health Science (Recommended)

Credit: 1 – 2 (CH, O, CP, W)

The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning. Participation may require personal transportation to potential clinical rotations.

K353 Practicum in Health Science

Prerequisites: Health Science & Biology (Recommended)

Credit: 2 – 3 (O, CP, W)

The Practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Participation may require personal transportation, background check, and possible drug testing.

K355 Anatomy & Physiology Honors

Prerequisites: Biology I and Chemistry I

Credit: 1

This course is an in-depth study of the systems of the human body. Each system is investigated using illustrations, microscope slide studies, physiological experiments, computer simulations, and detailed dissections of the cat.

K356H Medical Microbiology Honors

Prerequisite: Anatomy & Physiology

Credit: .5 (CH, O)

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

K357 Pathophysiology Honors

Prerequisite: Anatomy & Physiology

(Recommended)

Credit: .5 - 1 (CH, O, CP)

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

Hospitality & Tourism

K375H Principles of Hospitality and Tourism

Credit: .5 (CC, O, W)

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.

K377H Restaurant Management

Credit: .5

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.

K378H Travel and Tourism Management

Credit: .5 (CC, O, W)

This course incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are also included in this course.

K379 Culinary Arts

Prerequisite: Lifetime Nutrition & Wellness or Restaurant Management (Recommended)

Credit: 1-2

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.

K380 Practicum in Culinary Arts

Prerequisite: Culinary Arts

Credit: 2-3

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. 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

K400H Principles of Human Services*Credit: .5 (CH, O, W)*

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*Credit: .5 (O, CP, W)*

This course focuses on consumer practices and responsibilities, the money management process, decision-making skills, the impact of technology on financial management, and preparation for human services careers.

K402H Interpersonal Studies*Credit: .5 (W)*

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

K403 Lifetime Nutrition & Wellness*Credit: .5 – 1*

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

K405H Child Development*Credit: .5 (CC, CH, O, W)*

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

K406 Child Guidance*Credit: 1 – 2 (CC, CH, O)*

Child Guidance provides students classroom instruction and laboratory experience to prepare for a career related to the care, guidance and education of preschool children. The Pre-Employment Laboratory Child Care Program allows student the opportunity to implement their lesson plans in an Early Education classroom located on the campus. Students learn to plan nutritious meals, follow safety procedures, determine guidance techniques and create educationally-sound activities. In addition, students will explore careers related to Early Childhood education. Completion of the program will prepare students for higher education courses and employment in entry-level childcare programs.

K408 Practicum in Human Services I*Prerequisite: Child Guidance**(recommended)**Credit: 2-3 (CH, O)*

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

K409 Practicum in Human Services II*Prerequisites: Practicum in Human Services I**Credit: 2-3 (CH, O)*

This practicum provides occupationally specific training and focuses on the development of careers in the areas of consumer services, early childhood development and services, counseling, nutrition and wellness, hospitality and food services, fashion and interior design, and family and community services. Content is designed to meet the occupational preparation needs and interests of students by placing them in a paid employment setting.

K411 Cosmetology I*Credit: 3*

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

K412 Cosmetology II*Prerequisite: Cosmetology I**Credit: 3*

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

Information Technology

K425 Principles of Information Technology*Credit: .5 – 1 (W)*

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

K426 Computer Maintenance*Credit: 1 (W)*

Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems.

K431 Digital & Interactive Media*Credit: 1 (W)*

Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal

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

K432 Web Technologies

Prerequisite: Principles of Information Technology

Credit: .5-1 (W)

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

K437 Internetworking I

Credit: 1-2 (W)

K438 Internetworking II

Credit: 1-3 (W)

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

Law, Public Safety, Corrections & Security

K451 Law Enforcement I

Credit: 1 (CH, O)

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

K452 Law Enforcement II

Prerequisite: Law Enforcement I

Credit: 1 (CH, O)

Law Enforcement II introduces students to the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunications equipment, and courtroom testimony.

K453 Forensic Science

Prerequisite: Biology and Chemistry.

Prerequisite: Law Enforcement I (Recommended)

Credit: 1

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

K454 Court Systems & Practices

Prerequisite: Law Enforcement I

Credit: 1 (CH)

Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation.

Manufacturing

K476 Welding

Prerequisite: Algebra I (recommended)

Credit: 1-2 (CC, CH, O, W)

Welding provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge.

K477 Advanced Welding

Credit: 2-3 (CC, CH, O)

Advanced Welding builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as they relate to personal and career development.

Marketing

K250 Principles of Business, Marketing & Finance

Credit: .5-1

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.

K500 Advertising & Sales Promotion

Prerequisite: Principles of Business, Marketing & Finance (Recommended)

Credit: .5-1 (CC, O, CP, W)

Advertising and Sales Promotion is a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, ethical, and legal issues of advertising, historical influences, strategies, and media decision processes as well as integrated marketing communications. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.

K501 Fashion Marketing

Prerequisite: Principles of Business, Marketing & Finance (Recommended)

Credit: .5-1 (CC, CP, W)

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)

Credit: .5-1 (CC, CP, O, W)

Students will gain the knowledge and skills needed to become an

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

K503H Retailing and E-tailing

Prerequisite: Principles of Business, Marketing & Finance (Recommended)
Credit: .5 (CP, O, W)

Students will develop skills that involve electronic media techniques necessary for a business to compete in a global economy. Students will coordinate online and off-line marketing. Students will demonstrate critical-thinking skills used in decision-making models, case studies, various technologies, and business scenarios.

K504H Sports & Entertainment Marketing

Prerequisite: Principles of Business, Marketing & Finance (Recommended)
Credit: .5 (CC, O, CP, W)

This course will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and sporting events and entertainment. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans. This course will also provide students an opportunity to develop promotional plans, sponsorship proposals, endorsement contracts, sports and entertainment marketing plans, and evaluation and management techniques.

K505 Marketing Dynamics

Prerequisite: Principles of Business, Marketing & Finance, and required employment averaging 10-15 hours per week
Credit: 2-3 (CP)

Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing,

marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. This course may include paid or unpaid career preparation experience.

K506 Practicum in Marketing Dynamics I

Prerequisites: Marketing Dynamics and required employment averaging 10-15 hours per week
Credit: 2-3 (CP)

Through course required employment, students gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to create the marketing mix. This course covers technology, communication, and customer-service skills. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical education courses in marketing education.

Science, Technology, Engineering & Materials

K525 Concepts of Engineering and Technology

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

K527 Advanced Biotechnology

Prerequisites: Biology and Chemistry
Credit: 1 (CP)

Students will apply advanced academic knowledge and skills to the emerging

fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques.

K528 Engineering Design & Presentation

Prerequisites: Algebra I recommended
Credit: 1 (CC, CH, O, W)

Students enrolled in this course will demonstrate knowledge and skill of the process of design as it applies to engineering fields using software applications and tools necessary to produce and present working drawings and prototypes. Students will use computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

K529 Advanced Engineering Design & Presentation

Prerequisite: Engineering Design & Presentation
Credit: 2

This course will provide students the opportunity to master computer software applications in a variety of engineering and technical fields. This course further develops the process of engineering thought and application of the design process. Students apply concepts of engineering and use a variety of technologies to develop prototypes to solve specific problems.

K531 Electronics

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

K534 Principles of Technology

Prerequisites: Biology I, Chemistry, and Algebra I

Credit: 1

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

K535 Scientific Research and Design

Prerequisite: Concurrent enrollment in Biology

Credit: 1 (CH, CP, O)

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: Biology and Chemistry

Credit: 1 (CH, CP, O)

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

Credit: 2 (C)

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 21st century. 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.

Transportation, Distribution & Logistics

KM5792E Automotive Technology

Credit: 2

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

KM5802E Advanced Automotive Technology

Prerequisite: Automotive Technology

Credit: 3

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

K581 Collision Repair & Refinishing

Credit: 2

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

K582 Advanced Collision Repair & Refinishing

Prerequisite: Collision Repair & Refinishing

Credit: 2

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

Computer Science

860 Computer Science I PreAP

Prerequisite: Algebra I (recommended)

Credit: 1 (CH, O, CP, W)

This course is designed to provide an in-depth study of the major components of computer science. Course content will include programming methodologies, simple data structures, algorithms, and an introduction to Object Oriented Programming design and implementation. The program language used is Java and the development environment is JCreator. Both are free software to encourage student use at home.

861 Computer Science II PreAP

Prerequisite: Computer Science I PreAP
Credit: 1 (CH, W)

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

863 Computer Science I AP

Prerequisite: Computer Science I PreAP
Credit: 1 (CH, O, CP, W)

This course follows the College Board Computer Science Advanced Placement Guidelines. The course will be taught using the programming language Java. The Barron's study guide will be used in preparation for the AP Computer Science A test. This course may be counted as a math credited on the Recommended Plan ONLY. Students are required to take the AP Computer Science exam.

866 Digital Art and Animation

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

Credit: 1 (CH, O, W)

An advanced newspaper course focusing on developing creative layouts, copy, and computer graphics through use of computer software for newspaper publishing. This hands-on course will use Adobe InDesign and Photoshop.

870 Independent Study:**Technology Applications I**

Prerequisites: AP Computer Science or Computer Science I or II PreAP

872 Independent Study:**Technology Applications II****874 Independent Study:****Technology Applications III**

Credit: 1 (CP)

These project-based courses are intended to provide opportunities for students to either explore topic areas in computer science in greater depth and/or breadth than is possible in the PreAP/AP Computer Science sequence.

Programming topics will center on object-oriented programming (OOP) with languages such as C++, Turbo C++, Perl, Visual Basic, Visual C++, and Professional Builder C++. Multifile programming may also be included. Other possible projects include networking, web mastering, advanced digital graphics and animation, and game design.

Military Science**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.

Other**KM3622 Certified Nurse Aide & Phlebotomy Training**

Prerequisite: 18 years of age by October 15, application

Credit: 2

This preparation course is designed for entry level nursing assistants to achieve a level of knowledge, skills and abilities essential to provide basic care to residents of long-term care facilities. Topics include residents' rights, communication, safety, observation, reporting and assisting residents in maintaining basic comfort and safety. Emphasis is placed on effective

interaction with members of the health care team. Some clinical time is arranged outside of the classroom hours. It is the student's responsibility to pay for the CNA certification exam, personal liability insurance, and uniform.

K075 Career Preparation I**K076 Career Preparation II**

Credit: 3 (CC, O, W)

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**KM4631E Disaster Response**

Credit: 1

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 EMT/Clinicals

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

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

KM4782E Precision Metal Manufacturing

Credit: 2

KM4792E Advanced Precision Metal Manufacturing

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

(This course is a combination of Automotive Technology and Advanced Automotive Technology)

Credit: 2

Course is located at Lone Star College Conroe Center. 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.

885H Driver Education

Credit: .5 (0)

Prerequisite: Students must be at least 15 years old before taking the driving section of the course and have a social security card. Fees will apply. Please note that parent-supervised driving outside of this course is required to receive the certificate of completion.

Catalog of Courses: Junior High

7th Grade Courses

7110 Language Arts 7

Credit: 1

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

7120 Language Arts 7 PreAP

Credit: 1

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

7201 Math 7

Credit: 1

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

7205 PreAlgebra 7 PreAP

Credit: 1

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

7300 Science 7

Credit: 1

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

7303 Science 7 PreAP

Credit: 1

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

7400 Texas History 7

Credit: 1

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

7403 Texas History 7 PreAP

Credit: 1

Pre-AP Texas history begins the foundation of vertically aligned skills and strategies for success in AP courses in the social studies. The course centers on the process of learning factual information, developing analytical skills, and writing clearly.

7500 Physical Education 7

Credit: 1

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

7509/7510 Girls' Athletics/Boys' Athletics 7

Credit: 1

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

7505 Drill Team/Dance 7

Credit: 1

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

Credit: 1 (I, K, Mc, M, P)

7512 Football 7

Credit: 1

7513 Boys' Basketball 7

Credit: 1 (I, K, Mc, M, P, Y)

7514 Private PE 7

Credit: 1

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

7515 Private PE 7 –Level 2

Credit: 1

7516 Soccer 7

Credit: 1 (I, K, M,)

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

Credit: 1 (I, K, Mc, M, P)

7526 Cross Country 7*Credit: 1 (I, K, Mc, P,)*

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***Credit: 1*

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

8120 Language Arts 8 PreAP*Credit: 1*

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

8205 PreAlgebra 8*Credit: 1*

The course builds a foundation of basic understandings in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; measurement; and probability and statistics. Students will learn the necessary skills to critically think at a higher-level and to meet the state standards as outlined in the TEKS objectives.

8300 Science 8*Credit: 1*

Science for grade 8 is an integration of life, earth and physical sciences but will focus more strongly on earth science.

Students will conduct investigations to learn about the natural world through questioning, observing, and drawing conclusions.

8303 Science 8 PreAP*Credit: 1*

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

8400 US History 8*Credit: 1*

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

8403 US History 8 PreAP*Credit: 1*

Pre-AP US history builds on the foundation of vertically aligned skills and strategies for success in AP courses in the social studies. The course centers on the process of learning factual information, developing analytical skills, and writing clearly.

8500 Physical Education 8*Credit: .5 - 1*

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

8505 Drill Team/Dance 8*Credit: 1*

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*Credit: 1*

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

8511 Volleyball 8*Credit: 1 (I, K, Mc, M, P)***8512 Football 8***Credit: 1***8513 Boys' Basketball 8***Credit: 1 (I, K, Mc, M, P, Y)***8514 Private PE 8***Credit: 1*

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

8515 Private PE 8 –Level 2*Credit: 1***8516 Soccer 8***Credit: .5 (I, K, M, P)*

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*Credit: 1 (I, K, Mc, M, P)***8526 Cross Country 8***Credit: 1 (I, K, Mc, P,)*

Cross Country is for anyone interested in running. Daily workouts consist of running two to five miles depending on physical conditioning and workout schedule. Cross Country meets involve running a two mile race where most courses go through parks, trails, and other types of terrain.

Electives

Courses are offered at all schools unless otherwise noted.

I = Irons Junior High

K = Knox Junior High

Mc = McCullough Junior High

M = Moorhead Junior High

P = Peet Junior High

W = Washington Junior High

Y = York Junior High

9700H/9800H Music Appreciation

Credit: .5 (I, K, MC, M, P, W, Y)

Music Appreciation is for students who are interested in music but do not want to be part of a performing group. It includes the study of all phases of music, including history, theory, vocal, and instrumental music. Other topics include popular music, music for the stage and screen, music technology, music and careers.

9705/9805 Beginner Band

Credit: 1

This class is for new instrumental musicians. Selection of instruments is made upon the recommendation of the band director. Students will be required to purchase various instrument supplies and rent/purchase their chosen instrument. Students who choose band as an elective are making a commitment to remain in the program for the entire year. A fee will be charged if a student is using a school-owned instrument.

Band

Credit: 1

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

Choir

Credit: 1

Students participate through group and solo activities that allow them to develop vocal and choral techniques that include reading, listening and appreciation. Students will be expected to attend various rehearsals and performances outside the regular school

day. Students are placed in appropriate choir classes commensurate with their skill levels following a competitive audition. Students who choose choir as an elective are making a commitment to remain in the program for the entire year.

9717/9817 Beginner Orchestra

Credit: 1

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

Orchestra

Credit: 1

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

9714/9814 Cheerleading

Credit: 1

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

Credit: .5 (Y)

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

Credit: .5

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

9741H/9841H Theater Arts II

Prerequisite: Theater Arts I

Credit: .5

Students extend and continue activities and objectives of Theater Arts I. They will increase their experiences in expressive techniques, acting concepts, theater production concepts and appreciation of theatrical events. Students will participate in a variety of activities including Reader's Theater, single and ensemble acting, improvisation, script writing, and all aspects of play production.

9742/9842 Theater Troupe

Credit: .5-1 (M, P, W)

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

Credit: .5 (Mc, W, Y)

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 Art I

Credit: .5

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 Art II

Prerequisite: Art I

Credit: .5

Students create art with emphasis on art history: prehistoric to modern. A portfolio will be developed and maintained.

9845H Art III

Prerequisite: Art II

Credit: .5 (I, Mc, P, W)

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 Ceramics

Credit: .5 (I, P, W, Y)

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

Credit: .5 (Mc, P, W)

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

Credit: .5 (Mc, P, W, Y)

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

Credit: .5 (K, P, W)

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 Career Portals: Technology I

Credit: .5

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

9755H/9855H Career Portals: Technology II

Credit: .5 (Mc, W, Y)

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

Credit: .5 (W)

This course helps students acquire the information necessary to become healthy adults and learn behaviors in which they should or should not participate. Students use problem

solving, research and goal setting to gain knowledge and skills useful in making decisions in the areas of nutrition, CPR, and First Aid, maturity, diseases (including STDs) and drug use. *This course is not for High School credit.*

9758H/9858H Career Portals: Human Services

Credit: .5

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

9760H/9860H Career Portals: Computer Skills

Credit: .5 (W)

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

9761H/9861H Career Portals: Computer Science

Credit: .5

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 Career Portals: Computer Science II

Credit: .5 (I, K, Mc, M, Y)

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.

9762 Yearbook I

Credit: .5-1 (K, I, Mc, M, P, Y)

This basic course is required for all students interested in being a member of the yearbook staff. The course offers the student training in the production of the school yearbook. Students develop abilities in gathering information, writing copy and captions, understanding components of quality photography, copy editing skills, and techniques of headlines.

9862 Yearbook II

Prerequisite: Yearbook I

Credit: .5-1 (K, I, Mc, M, P, W, Y)

This course is for the yearbook staff members. Second year yearbook students continue to develop their journalism skills from Yearbook I. Students further develop their skills and knowledge in the use of publishing software. Students are encouraged to fill an editor's position and take a leadership role in the publication staff. Students will plan a yearbook ladder, complete various spreads and assignments, copy, edit, and complete a portfolio of work.

9763H/9863H Teen Leadership

Credit: .5 (I, K, Mc, M, P, W, Y)

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

Credit: .5 (I, Y)

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

9765/9865 TV Broadcasting

Credit: 1 (I, K, M, P, W, Y)

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 Exploring Career Connections

Credit: .5

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

9769/9869 Reading Strategies

Credit: 1 (I, K, Mc, M, P)

9771H/9871H Peer Tutor

Credit: .5 (K, M, P, Y)

The student will work with a teacher to provide extra help for students who may be having difficulty. Students are placed in this class based on teacher request, grades, and counselor approval.

9785/9885 Study Skills

Credit: .5-1 (I, Mc, M, Y)

This Course will focus on time management skills, basic study skills, goal setting, and organization.

9792H/9892H Wildlife

Management

Credit: .5 (I, M, P, Y)

This course is designed to offer students information about wildlife management and an introduction to agriculture science.

9797H/9897H Office Aide

Credit: .5

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

Credit: .5 – 1 (I, K, Mc, M, P, Y)

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

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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.

continued. This course emphasizes grammatical concepts. Oral and written practices are stressed.

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, and understanding the cultures are