



College Station ISD

2015-2016

High School

Course Catalog



A&M Consolidated High School
1801 Harvey Mitchell Pkwy S
College Station, Texas 77840
979-764-5500



College Station High School
4002 Victoria Ave
College Station, Texas 77845
979-694-5800



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No Discriminación

El Distrito Escolar de College Station no discrimina en base de la raza, color, religión, sexo, origen nacional, edad o inhabilidad en el abastecimiento de los servicios educativos. Greg McIntyre, Superintendente Asistente de Currículo e Instrucción, 1812 Welsh, College Station, TX 77840 (979-764 5411) ha sido señalada para coordinar conformidad con los requisitos del Título IX. Molley Perry, Directora de Servicios Especiales, 1812 Welsh, Suite 120, College Station, TX (979-764-5433) ha sido señalada para coordinar conformidad con los requisitos de la Sección 504 de la Ley de Rehabilitación.

2015-2016

National Test Date Schedule

❖ **ACT** Assessment

September 12, 2015

February 6, 2016

October 24, 2015

April 9, 2016

December 12, 2015

June 11, 2016

❖ **PSAT** -- Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test
Wednesday, October 15, 2014.

❖ **SAT Reasoning and SAT II(Subject)**

October 10, 2015

January 23, 2016

November 7, 2015

March 12, 2016 (SAT Reasoning only)

December 5, 2015

May 7, 2016

June 4, 2016

(PSAT and SAT test dates are assumed, check at collegeboard.com for confirmation)

A&M Consolidated High School Code 441400

College Station High School Code 441401

College Station ISD Program Options for High School

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College Station Independent School District

*Success....each **life**....each **day**.... each **hour***

Welcome to High School. We have two comprehensive high schools in CSISD, A&M Consolidated High School (AMCHS) and College Station High School (CSHS).

Course offerings at AMCHS and CSHS are comparable. Students attend the campus they are zoned for in 9th grade. The only differences are in UIL competitive swimming (9-12), located at AMCHS, and in Career and Technology (CTE) Programs. *If a student chooses to participate in and is accepted into* one of the three different CTE Programs illustrated below beginning with his/her 10th grade year, the transfer process must be completed in the spring of the previous year. A student will have to maintain enrollment in a campus-specific CTE program on an annual basis to remain at that identified campus. Please see the CSISD web page for more information on transfers.

A&M Consolidated High School CTE Programs		College Station High School CTE Programs
Arts, Audio/Video, Communication	<i>same</i>	Arts, Audio/Video, Communication
Business, Marketing , Finance	<i>same</i>	Business, Marketing , Finance
Human and Education – foods, fashion, Ready Set Teach	<i>same</i>	Human and Education -foods, fashion, Ready Set Teach
Information Tech –programming, web	<i>same</i>	Information Tech – programming, web
Law/Criminal Justice	<i>same</i>	Law/Criminal Justice
Science – Anatomy and Physiology, Principles of Technology and Adv. Biotechnology	<i>same</i>	Science – Anatomy and Physiology. Principles of Technology and Adv. Biotechnology
STEM (Science, Technology, Engineering, & Mathematics)	<i>same</i>	STEM (Science, Technology, Engineering, & Mathematics)
Agriculture Science – mechanics and animal science	<i>differ</i>	Agriculture Science – environmental and food processing
Information Tech - Computer maintenance	<i>differ</i>	Construction, Architecture
Health Science	<i>differ</i>	Hospitality - Culinary

COURSE WORK

Minimum Course Load

All students are required to enroll in seven classes (or equivalent) each semester.

EXCEPTIONS:

- 1) Students enrolled in vocational cooperative training programs must be enrolled in at least two other courses each semester.
- 2) Juniors and seniors enrolled in Blinn or seniors enrolled in TAMU courses must enroll in a minimum of four periods on the high school campus. The student is allowed 30 minutes travel time before and after the class.
- 3) Fifth-year seniors graduating at mid-term may take a minimum of two classes.
- 4) Seniors may take a total of two periods of no credit (i.e. no class, aide, etc.). Freshmen, Sophomores and Juniors may take only one period of no credit.

Working During School Hours

Students may be employed during school hours only if enrolled in a career preparation program. Because employment is a required component of the programs, these programs are only open to juniors, seniors, and certain qualifying 16 year olds. Career preparation training programs are designed to provide occupationally specific training. The training is planned and supervised cooperatively by the school and employers. A student is required to work 15 hours per week. If not scheduled for a class, the student must be off campus.

Student Classification

Freshman (9th) – must have been promoted from the 8th grade.

Sophomore (10th) – must have satisfactorily completed 5.5 credits before the beginning of the school year.

Junior (11th) – must have satisfactorily completed 11 credits.

Senior (12th) – must have satisfactorily completed 17 credits by the beginning of the fall semester of the school year in which the student proposes to graduate.

Transcripts

Each student will receive an updated copy of his/her transcript in fall and spring free of charge. Enrolled students will receive a transcript at the beginning of the registration process. Sophomore, Junior and Senior transcripts include current GPA and ranking. **Freshmen transcripts do not include class rank.** All official copies requested will cost \$2.00.

Repeating a Course

A student may request to repeat a course in which credit has been earned. The following guidelines are used:

- 1) The course is a foundation for subsequent courses.
- 2) No credit is earned when a course is repeated.
- 3) The second grade appears on the transcript along with the first grade. However, only the original credited average will be used to compute the student's overall grade point average.

Explanation of Codes on Transcripts

A = Adv Tech Credit (Blinn)	J = HS Course before gr.9	T = Credit by Exam	Passing = 70 or above
B = Repeat of Course	MD = Module Course	V = Content modified by ARD	P = Pass
C = Correspondence	P = AP Course	W = PE Substitution	F = Fail
D = Dual Credit	Q = Pre AP Course	* = Out of District Course	1 = 1 st Sem Grade
E = Credit by Acc	R = Summer School	@ = credit denied by absence	2 = 2 nd Sem Grade
H = Honors	WP = Withdrew passing	WF = Withdrew failing	

COURSE REQUESTS / SCHEDULING

Parents of 8th grade students will have opportunities to get help with registration. Parents are strongly encouraged to attend one of the help sessions or schedule an appointment with the middle school counselor. The high school counselors' office is open in the summer and provides help by appointment.

Course requests will be final at 11:00 a.m. on June 12th. After this time, requests for changes may be considered based upon course availability. Students who are concerned about any course request should sign up to see a counselor ***prior to the June 12th deadline.***

Level Change Procedures

For students enrolled in AP, Pre-AP, or Honors courses the following guidelines will need to be met for a level change:

- Parent and student will communicate with AP, Pre-AP, or Honors teacher about problems being experienced in the class.
- At semester a student can change from an advanced to a lower level of the same course.
- For a year-long course, the level change must occur by the end of the 5th week of school or the student will remain in the class until the end of the first semester. For a one semester course, it is recommended that the change occur by the end of the third week; however, a level change may occur up to the above deadline under special situations.
- Necessary paperwork (Level Change Request Form) must be completed with all signatures and turned in to the Counseling Office.
- Grades from the dropped upper level course will be carried into the added lower level course.
- When a student exits a course (not a level change) after twenty class days during a semester, a semester grade of WP (withdrawn passing) or WF (withdrawn failing) is recorded for that course. When computing semester GPA, WP is not included and WF is averaged as a zero.
- If changing from a lower level to a higher level course, grades from lower level will NOT transfer. Students must makeup all work and assessments previously completed in the upper level course.

Waiver Process

If your student would like to register for a class other than the one recommended by their current teacher, then a parent **must** attend a waiver meeting.

Special Requirements and Restrictions for Physical Education/Activity courses

- A student may not enroll in more than one physical education or athletic class per semester.
- A student dropped from an athletic program during the semester will be enrolled in a regular physical education class for the remainder of the semester.
- Based upon the physical activities involved in drill team, marching band, and cheerleading during the fall semester, students may substitute these activities for the required units of physical education.
- If a student's health warrants a homebound placement, a modified physical education will be delivered by the campus homebound teacher.

Dropping a Class with a Failing Grade

As stated in the TEA & UIL Side-by-Side, "Dropping a class with a grade lower than 70 at the end of a grading period causes a student to lose eligibility until 7 calendar days after the end of the 3 school week evaluation period. Dropping an advanced class which is exempted for no pass, no play, does not cause loss of eligibility at any time unless full time status is affected."

GRADING SCALE, CLASS RANKING, & GPA

Grading/Credits

When a student successfully completes a semester of work with a grade of 70 or higher, one-half (1/2) credit is earned. Each semester stands alone. Semesters are **not** averaged together except in cases of Pupil Progression (see below).

Pupil Progression Plan: If a student fails the first semester with a 60-69 average, but passes the second semester and has an overall average of a 70 the student will earn two one-half credits and will not need to repeat the first semester class. The failing grade will be reflected on the student's transcript and be used in the calculation of the student's GPA. If a student passes the first semester and does not pass the second semester, the student will receive credit for the first semester but does not receive credit for the second semester and must repeat the second semester class to receive credit. PPP only applies to non-module courses taken in the same academic year.

Grade Point Averages and Ranking: GPAs are computed at the end of each semester. All grades on a student's transcript, including failing grades and repeated courses (for remediation), will be included in GPA and class rank except as stated below. Honors, Pre-AP, and Advanced Placement courses with grades of 75 and above receive a weight of 10 extra points added to the numerical semester average when calculating GPA. (Additional 10 points will not be shown on transcript.). The table at right shows the conversion of semester grades to grade points for GPA. Total GPA is calculated by adding the GPA of each semester course together and dividing by the number of courses taken. All students shall be ranked upon basis of weighted grade averages. When reporting GPAs to colleges and universities, a numerical weighted value is reported. If a student repeats a course for remediation only, **the existing grade as well as the new grade is averaged into the GPA.** Credit is received only once! If a student is denied credit due to excessive absences, the grade will be calculated into the GPA as failing. A grade of WF is calculated in the GPA as zero grade points.

Courses Used in Calculations Include:

- High school-level PreAP courses at middle school.
- Grades earned at other accredited high schools.
- Courses taken at CSISD high schools (**including summer school**).

Courses NOT Used in Calculations Include:

- Non Pre-AP High School courses taken at the middle school
- Courses taken at Texas A&M University, Blinn College or any other university or college that are not part of our Dual Credit Program.
- Noncredit courses.
- Correspondence courses or Credit By Exams (remediation or acceleration) or off campus (preapproved) P.E. equivalents.
- Semester grade of WP.
- Non-accredited schools, programs, or curricula.

Transfer Students

A student transferring into the District from a TEA accredited school will receive the numerical grade earned in courses from that school. Weighted courses will be honored and converted to match our system. Students from other countries will receive Ps for passing in appropriate courses. Letter grades will be converted as follows:

A+ = 100	B+ = 89	C+ = 79	D+ = 74	F = 69 and below
A = 95	B = 85	C = 77	D = 72	
A- = 90	B- = 80	C- = 75	D- = 70	

	Semest grade	Honors, Pre-AP, AP courses	On-level courses
A	100	5.0	4.0
	99	4.9	3.9
	98	4.8	3.8
	97	4.7	3.7
	96	4.6	3.6
	95	4.5	3.5
	94	4.4	3.4
	93	4.3	3.3
	92	4.2	3.2
	91	4.1	3.1
B	90	4.0	3.0
	89	3.9	2.9
	88	3.8	2.8
	87	3.7	2.7
	86	3.6	2.6
	85	3.5	2.5
	84	3.4	2.4
	83	3.3	2.3
	82	3.2	2.2
	81	3.1	2.1
C	80	3.0	2.0
	79	2.9	1.9
	78	2.8	1.8
	77	2.7	1.7
	76	2.6	1.6
	75	2.5	1.5
	74	1.4	1.4
	73	1.3	1.3
	72	1.2	1.2
	71	1.1	1.1
F	70	1.0	1.0
	69	0.0	0.0

ENRICHMENT

Special Programs for Advanced Students

A variety of honors, Pre-AP or AP (advanced placement) courses are available for students willing to accept the advanced rigor of the course. Advanced courses require motivation and time to put forth the extra effort demanded by the rigor of the course.

AP Classes

AP courses are designed to challenge students with college level curriculum and rigor. In May, students will have the opportunity to take the College Board Advanced Placement test(s) to earn college credit. The test costs approximately \$90, paid by the student, and is scored by ETS. A score of 1 to 5 is possible. Students making a test grade of 3, 4, or 5 may receive college credit. Awarding college credit is determined by each individual institution.

TAMU

Seniors may apply for courses through Texas A&M University's admissions office. Check with Texas A&M for exact dates. Students must rank in the top quarter of their class and have written permission to apply. Students may have two high school periods for one TAMU class or three school periods for two TAMU classes. Students may only take courses not offered on our high school campuses. Students will pay the same application fee as well as tuition and fees as regularly enrolled TAMU students. This grade does not count for high school credit nor is it part of the GPA. Students must pass or be exempt from the TSIA to apply. Proof of enrollment must be submitted to the counselor by the second week of each semester.

Blinn

Juniors and seniors may attend Blinn Junior College. Students must have a grade point average of 3.0 and approval from a high school counselor. This grade does not count for high school credit nor is it part of the GPA. Students must pass or be exempt from the TSIA to enroll at Blinn. Students may take one or two periods to attend one class or two or three periods for two classes. Proof of enrollment must be submitted to the counselor by the second week of each semester.

Dual Credit

Students may obtain college credit and high school credit simultaneously under an agreement with Blinn College and College Station ISD. Blinn and CSISD faculty teach the courses on the high school campuses. In order to be enrolled in a dual credit course, students must pass the TSIA test (or be exempt) and pay the required tuition to Blinn College before the course begins.

The following courses are approved for dual credit enrollment:

- English IV (Blinn English 1301, 1302) – 1 high school credit; 6 hours college credit
- Economics (Blinn Macroeconomics 2301) – ½ high school credit; 3 hours college credit
- Government (Blinn Government 2305) – ½ high school credit; 3 hours college credit
- Accounting I (Blinn ACNT 1303) – 1 high school credit; 3 hours college credit (AMCHS only)
- Computer Maintenance (Blinn ITSC 1325) – 1 high school credit; 3 hours college credit (AMCHS only)
- Telecomm & Networking (Blinn ITNW 1325) – 2 high school credits; 3 hours college credit (AMCHS only)
- Audio/Video (Blinn ARTV 1351) – 2 high school credits; 3 hours college credit (AMCHS only)
- Graphic Design & Illustration (Blinn ARTC 1302) – 1 high school credit; 3 hours college credit (AMCHS only)
- Web Page Design (Blinn IMED 1316) – 1 high school credit; 3 hours college credit (AMCHS only)
- Entrepreneurship (Blinn BUSG 2309) – 1 high school credit; 3 hours college credit (AMCHS only)
- Intro to Law Enforcement (Blinn CJSA 1312) – 1 high school credit; 3 hours college credit (AMCHS only)
- Intro to Criminal Justice (Blinn CJSA 1322) – 1 high school credit; 3 hours college credit (AMCHS only)
- Digital and Interactive Multimedia (Blinn ARTC 1313) ½ high school credit; 3 hours college credit (AMCHS only)
- Pre-Law (Blinn CJSA 1327) - ½ high school credit; 3 hours college credit (AMCHS only)

Blinn College/College Station ISD
Career & Technical Education (CTE)
Technical Dual Credit & Local Articulation Opportunities

Students may earn college credit through both local articulation and Technical Dual Credit programs. These programs provide the student a way to start their college technical major in high school.

LOCAL ARTICULATION	TECHNICAL DUAL CREDIT
Benefits:	Benefits:
<ul style="list-style-type: none"> • Exploration of technical careers 	<ul style="list-style-type: none"> • Have access to all Blinn College facilities
<ul style="list-style-type: none"> • Real world relevance 	<ul style="list-style-type: none"> • Letter grade is automatically posted to your college transcript
<ul style="list-style-type: none"> • College credit in high school 	<ul style="list-style-type: none"> • Grades <i>may</i> be transferable to other colleges or universities.
<ul style="list-style-type: none"> • Savings on college tuition while in high school 	<ul style="list-style-type: none"> • Graduation under the Recommended High School Program & Distinguished Achievement Program
<ul style="list-style-type: none"> • Graduation under the Recommended High School Program and Distinguished Achievement Program 	
Challenges:	Challenges:
<ul style="list-style-type: none"> • College courses are more demanding 	<ul style="list-style-type: none"> • College courses are more demanding
<ul style="list-style-type: none"> • Courses may not articulate to other colleges 	<ul style="list-style-type: none"> • Grades affect high school AND college GPAs
<ul style="list-style-type: none"> • Student must enroll at Blinn in a Technical degree major & request course to be posted to Blinn transcript 	
Admission Requirements:	Admission Requirements:
<ul style="list-style-type: none"> • High school approval 	<ul style="list-style-type: none"> • Written permission from high school principal
	<ul style="list-style-type: none"> • Have a “B” or better average in high school classes
	<ul style="list-style-type: none"> • Must pass the TSIA or satisfy exemption criteria based on ACT or SAT
Costs:	Costs:
<ul style="list-style-type: none"> • No cost to student 	<ul style="list-style-type: none"> • Fee to student is determined by tuition option chosen by ISD

For more information on Technical Dual Credit and local articulation courses, please contact your high school counselor or the Blinn College Technical Dual Credit office at (979) 209-7547.

FOR NCAA DIVISION I AND II INSTITUTIONS

NCAA (National Collegiate Athletic Association) Bylaw 5-1-(j) -- Students entering NCAA Division I, II institutions as freshmen who wish to receive financial aid and wish to practice and compete on an intercollegiate level must be certified by the Eligibility Center. To be certified by the Eligibility Center, students must:

1. Graduate from high school. You should apply for certification during junior year of High School if you are sure you wish to participate in athletics at the college level. The Eligibility Center will issue a preliminary certification report when you have had all your materials submitted. After you graduate, the Eligibility Center will review your final transcript to make a final certification decision according to NCAA standards. Apply for certification at www.eligibilitycenter.org.

2. Earn a grade-point average of at least 2.00* (on a 4.00 scale) in a core curriculum of at least 16 (Division I) or 16 (Division II) academic courses which were successfully completed during grades 9 through 12. Only courses that satisfy the NCAA definition of a core course can be used to calculate your NCAA GPA. No special values are allowed for “+” or “-” grades. The chart below shows what your core courses must include at a minimum.

*Senior class of 2016 new Division I requirements; minimum core course GPA is 2.3, 10 of the 16 required core courses must be completed before their 7th semester (7 of the 10 must be English, Math or Physical/Natural Science).

Core Units Required for NCAA Certification

	Division I 2008 & after	Division II
English Core	4 years	3 years
Math Core (Algebra I or Higher)	3 years	2 years
Science Core	2 years	2 years
Social Science Core	2 years	2 years
From English, Math, or Natural/Physical Science	1 year	3 years
Additional Core (English, Math, Science, Social Science, Foreign Language, Non-doctrinal Religion)	4 years	4 years
TOTAL CORE UNITS REQUIRED	16	16

3. Have a core-course GPA and a combined score on the SAT Verbal & Math sections or a sum score on the ACT based on the qualifier index scale. The qualifier index can be found at www.eligibilitycenter.org and/or in the NCAA Guide for the College Bound Student Athlete located in the counselor’s office.

4. Receive certification of amateur status. When registering for the Eligibility Center, you must complete the Amateurism Survey found at www.eligibilitycenter.org.

5. Traditional school credits are the only credits accepted by NCAA. Correspondence, credit by exam, credit recovery and night school are not accepted.

BOARD OF TRUSTEES ACADEMIC LETTER SCHOLARS PROGRAM

The Academic Letter Scholars Program recognizes students who have distinguished themselves by hard work and study as academic scholars in the College Station Independent School District.

Selection Criteria

Any senior may qualify for the Academic Letter Scholars Award by:

- 1) Taking English, mathematics, science, and social studies courses during the regular school year for two consecutive years in CSISD and earning an overall grade point average of 3.75 in those courses. A foreign language or "double option" (e.g., a second science, math, social studies, or English) may be substituted in a year when one of the four required areas is not in the student's schedule.
- 2) A minimum of two honors/PreAP/AP courses must be taken from the four identified academic areas each year during the two year period.
- 3) "Repeated" courses, courses for remediation, or correspondence courses may not be used in determining eligibility.
- 4) All courses considered must be classified as regular or honors (and above) courses.

Awards

All awards will be earned according to the rules applicable to the University Interscholastic League Awards Rule. The award jacket will be the same award earned in varsity athletic programs and will have the same letter except that a "lamp of knowledge" will be included at the bottom of the letter, signifying the student as an academic scholar.

NATIONAL HONOR SOCIETY

National Honor Society's annual induction ceremony is in early Spring. To be eligible for membership consideration, students must have a cumulative grade point average of 3.3 (93). Additionally, potential members must meet high standards of leadership, service, and character. Leadership is based on the student's active participation in community or school activities. To meet the service requirement, the student must have been a dependable, enthusiastic and well-organized contributor to service projects in the school or community. Character is measured in terms of integrity, behavior, ethics and cooperation with both students and faculty. Juniors and Seniors who meet the grade point requirements in January, will be invited to complete an application for consideration by the faculty council. Deadlines for applications will be strictly enforced.

HONOR GRADUATES

To be able to graduate with honors, students must complete their final two semesters consecutively at the same CSISD high school. There will be no valedictorian or salutatorian. The highest ranking students (the Summa Cum Laudes) will determine who or if a student speaks at graduation. GPA/Class rank that determines honor graduates (for graduation ceremony only) shall be calculated at the end of the 5th six weeks grading period of the senior year. Any "Valedictorian" scholarships will still be given to the top student. Classification of Honor graduates (Cum Laude, Magna Cum Laude, and Summa Cum Laude) will be determined by CSISD school board policy.

GRADUATION REQUIREMENTS

Students graduating from a Texas high school must complete graduation requirements outlined by the state and receive a passing score on five End of Course (EOC) Exams including Algebra 1, Biology, U.S History, English 1 and English 2. Each student will graduate under one of the following graduation plans*. The appropriate State of Texas Seal designating which plan was completed will be attached to the student's transcript. High school courses taken in grade 8 will earn credit toward graduation. **However, three (3) math credits must be earned in grades 9-12.**

	2016 - 2017 GRADUATES			2018 AND AFTER GRADUATES**		
SUBJECT AREA	MINIMUM PROGRAM *	RECOMMENDED PROGRAM	DISTINGUISHED ACHIEVEMENT PROGRAM	FOUNDATION HIGH SCHOOL PLAN (FHSP)*	FHSP WITH ENDORSEMENT	FHSP WITH ENDORSE & PERFORMANCE ACKNOWLEDGEMENT
English	4	4	4	4	4	4
Mathematics	3	4	4	3	4	4
Science	2 One of the science credits must be Biology	4 Three of the four Science credits must come from Biology, Physics and Chemistry.	4 Three of the four Science credits must come from Biology, Physics & Chemistry. IPC cannot count.	3 One of the science credits must be Biology	4 One of the science credits must be Biology	4 One of the science credits must be Biology
Social Studies & Economics	4	4	4	3 Includes US History, Govt, Econ and either W Geog or W Hist.	3 Includes US History, Govt, Econ and either W Geog or W Hist.	3 Includes US History, Govt, Econ and either W Geog or W Hist.
Languages Other than English	0	2 (Level I & II of same language)	3 (Level I, II, III of same language)	2 (Level I & II of same language)	2 (Level I & II of same language)	2 (Level I & II of same language)
Fine Arts (music, art, theatre, choir, dance)	1	1	1	1	1	1
Speech (Communication Applications)	½	½	½	NA	NA	NA
Physical Education	1	1	1	1	1	1
	<i>(Physical Education or athletics or up to 1 credit substitution from marching band, drill team, cheerleading.)</i>					
Electives	6 ½	5 ½	4 ½	5	7	7
Total	22	26	26 PLUS 4 ADDITIONAL MEASURES	22	26	26 PLUS ADDITIONAL MEASURES

2018/After Grads: 26 credit **Foundation Plan with Distinguished Level of Achievement**: Eligible for *Top 10% Automatic Admission* to an IHE, requires the same courses as Foundation Plan with Endorsements; however, one of the 4 mathematics credits must be Algebra II.

* **Minimum High School Program and the Foundation High School Plan** are minimum requirements to graduate from a Texas High School. Students may opt to graduate on these plans after their 16th birthday **and** completion of 10th grade if approved by parents and school officials.

** For more information on FHSP / Endorsements / Performance Acknowledgements see pages 13-21.

DISTINGUISHED ACHIEVEMENT PROGRAM (2016 - 2017 GRADUATES)

The Distinguished Achievement Program recognizes students who demonstrate levels of performance equivalent to college students or work done by professionals in the arts, sciences, business, or in community service. Please discuss this option with your guidance counselor if you are interested in the DAP. **Each student is responsible for submitting documentation to his/her counselor for earned Advanced Measures.** Students must fulfill the specific course requirements (see page 11) for the Distinguished Achievement Program as well as receive a combination of **FOUR** of the following advanced measures:

Original Research / Project:

- judged by a panel of professionals in the field of the addressed topic.
- conducted under the direction of mentor(s) and reported to an appropriate audience.
- prior approval on research projects must be granted by a guidance counselor before work is initiated by the student.

Test Data:

- a score of 3 or above on The College Board Advanced Placement exam (student submits scores to counselor).
- a score on the PSAT which qualifies the student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation. Includes recognition in the National Hispanic Scholar Program of the College Board or the National Achievement Scholarship Program for Outstanding Negro Students of the NMS corporation (The score counts only once regardless of number of honors received).

College Courses (Excludes Dual Credit):

- pass or exempt TSIA, meet college requirements, pay own tuition.
- a grade of 3.0 or higher on courses that count for college credit (excludes Dual Credit courses). These courses can be taken at TAMU or Blinn (student submits a copy of college grade report or transcript to counselor).

Examples of Possible Combinations *(Please note that these are only a few of the many possibilities.):*

- 4 AP exams with a score of 3 or higher, 2 AP exams, 1 college course, and National Merit Semifinalist
- 3 AP exams with a score of 3 or higher and 1 college course with at least a 3.0 average,

PERFORMANCE ACKNOWLEDGEMENT (2018 AND AFTER GRADUATES)

A student may earn a performance acknowledgment on their diploma and transcript for outstanding performance in the following ways.

College Credit: In a dual credit course by successfully completing at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or by earning an associate degree while in high school.

Bilingualism / Biliteracy: By demonstrating proficiency in two or more languages by completing all English language arts requirements and maintaining a minimum GPA of the equivalent of 80 on a scale of 100; and satisfying one of the following:

- completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
- demonstrated proficiency in the TEKS for level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
- completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
- demonstrated proficiency in one or more languages other than English by scoring 3 or higher on an Advanced Placement exam for a language other than English.

Note: In addition to meeting the requirements above, to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have participated in and met the exit criteria for a bilingual or ESL program and scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

AP Test: By earning a score of four or five on a College Board advanced placement examination.

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

SAT Test: By receiving a combined critical reading and mathematics score of at least 1250 on the SAT

ACT Test: By receiving a composite score on the ACT exam (without writing) of 28.

Certification / License: For earning a nationally or internationally recognized business or industry certification or license with performance on an examination sufficient to obtain a nationally or internationally recognized business or industry certification or performance on an examination sufficient to obtain a government-required credential to practice a profession.

COLLEGE ADMISSIONS INFORMATION

College Admission eligibility requirements

The state legislature amended the current admission eligibility requirements for students applying to any four year public education institution. Effective September 1, 2007 and thereafter, only applicants who have completed the Recommended or Distinguished graduation plans are eligible to apply for admission to a four year Texas institution. This also applies to students eligible for automatic admission by graduating in the top ten percent of their class.

In addition, this law further states that institutions of higher learning shall admit any applicant who is the child of a public servant killed or having sustained a fatal injury in the line of duty. Applicants need to meet the minimum requirements of the institution.

State of Texas Top 10% Graduates

This group of students consists of both three-year and four-year graduates that fall among the top 10% of the graduating class at the time of official rankings. They are eligible for automatic admission to any* public university in Texas. To be eligible for automatic admission, a student must:

- Complete the Recommended or Advanced/Distinguished Achievement program OR complete the Foundation Plan with Distinguished Level of Achievement OR Satisfy the SAT or ACT score requirements for designated colleges/universities; and
- Graduate in the top 10 percent of his/her class at a public or private high school in Texas; and
- Enroll in college no more than two years after graduating from high school; and
- Submit an application to a Texas public university for admission before the institution's application deadline. Since deadlines vary, students should check with the specific university to verify the application deadline.

*Senate Bill 175 – Amended Top 10% Admissions Rule for the University of Texas

Senate Bill 175, passed by the 81st Texas Legislature, allows the University of Texas at Austin to limit automatic admission to 75 percent of the university's enrollment capacity designated for first-time resident undergraduate students.

Using data from recent years, the University has determined that automatically admitting students in the top 7% of their high school graduating class to the 2015 entering freshman class will fill 75% of available spaces. As a result, The University of Texas at Austin will automatically admit all eligible 2015 summer/fall freshman applicants who rank within the top 7% of their high school graduating classes, with remaining spaces to be filled through holistic review.



HIGH SCHOOL GRADUATION PLAN

THE FIRST STEP ON THE ROAD TO YOUR DREAMS

1

Think about what career interests you.
Choose the post high school options which best fit your goals.
You can choose from a variety of options and you can choose more than one option.
Options include: Two-Year College, Technical Training, Four-Year College, Military, Employment, or Other

What if I don't know what career I want?

You can use Career Cruising, an online career exploration tool to help you discover and explore career and college options.

Career Cruising will help you match your talents and abilities with high school and college plans.

2

Select the endorsements which support your post high school goal.
You can choose from the following options: STEM, Business & Industry, Arts & Humanities, Public Service, or Multidisciplinary Studies

What options are within each category?

Public Service	Arts & Humanities	Business & Industry
Education & Training	Art	Architecture & Construction
Law	Dance	Arts
Public Safety	Theater	Audio/Visual & Communications
Corrections & Securities	Foreign Language	Business Management & Finance
Human Services	Social Studies	Hospitality & Tourism
STEM	Multidisciplinary	
Science	Four Four advanced courses within one endorsement which are not in a coherent sequence	International Technology
Technology	Four credits in each of the foundation areas (including Eng IV and/or Physics)	Marketing
Engineering		
Math		

3

Each pathway to graduation includes the Foundation Plan with an endorsement area for a total of 26 credits. The Distinguished plan requires students to complete the Foundation Plan with Endorsements as well as additional criteria*.

What are the credit requirements?

The Foundation Plan with Endorsement area includes 4 English, 3 math (includes Algebra I & Geometry), 3 science (includes Biology), 3 social studies, 1 physical education, 1 fine art, 2 of the same foreign language and 5 electives.
The additional 4 credits will be determined by your endorsement area.

*at least 12 hours of college courses, score 4 out of 5 on an AP exam, bilingualism and biliteracy, National Merit Commended, ACT Composite score of 28+, SAT Reading and Math score of 1250+, Nationally or internationally recognized Business or Industry certification

4

Fill in the courses for each of the years of school listed on the bottom half of the graduation plan. Remember to include all required courses, and include the courses which support your career goals.

Where can I find a list of all available courses?

You can get a copy of the course catalog from the counselor's office or by looking on either high school website.

5

Review the plan with your parents. Ask your counselor if you have any questions. You and your parents will need to sign the plan before submitting it to the school.

What if my post high school plan changes?

That's okay! Plans can be adjusted. If you need to change your plan, meet with your counselor to discuss the changes. Any changes in plans will need to be approved by the counselor and your parents.

1

PLANNING FOR SUCCESS

Our goal in CSISD is to prepare **every student** for life and career success.

The following process will assist you in setting and achieving your goals.

Important First Step

To help you decide which courses you may want to consider taking in high school, first explore career and educational options with your talents, abilities, goals, and interests in mind. **A great resource to help with this exploration is the Career Cruising System.** This system is a career guidance tool that is accessible at school or at home to CSISD students in grades 7-12 and their parents. It will provide information about careers, educational opportunities and much more. Follow the steps below to log in:

- a. Go to the Career Cruising website at www.careercruising.com.
- b. The student's user name is "cs-" with his/her CSISD student identification number.
- c. The initial password will be the student's eight digit date of birth (ex: 09031996)

Understanding the Career Cluster System

Career clusters are broad groups of occupations which span all education and training levels. They have been placed together because many of the people in them share similar interests and strengths. **It is important to note that the clusters are flexible and overlapping in nature which allows students to change as new knowledge and experiences are acquired.** The clusters help provide a focus and a general guideline for future planning at the high school level and beyond. Use the clusters to explore career options and then design your own individual education plan.

The flowcharts at the beginning of each set of cluster pages are designed to show students a logical progression for the courses offered at CSISD high schools, however, **you must check the prerequisites listed in the course descriptions to determine when you must take the courses listed in the order shown and when you have flexibility in the sequence.** Associated courses may be listed on the flowcharts that fall outside of that specific cluster area; however, those courses may help satisfy the coherent sequence requirement for an endorsement. Most courses are offered at both high schools; however, there are some exceptions starting with the tenth grade year. Be sure to check all course locations. District transfer requests may be submitted based on a student's career interest during his/her ninth grade year.

Get Started Planning for Success

Remember that your counselor, teachers and parents are here to help you with these exciting decisions. Good luck and have fun!

ENDORSEMENTS (2018 AND AFTER GRADUATES)

Because the 21st Century careers require high academic and technological skills, students need to identify and pursue both career and academic goals while in high school. After graduating from high school, what will you do? Where will you go? Who will support you? Will you continue your education? Will you work and go to school? If you go to school, what will your major be? These are all very important questions. In order to answer them, you will need to explore your interests and make informed decisions about your future.

House Bill 5, passed by the 83rd Texas legislature set new requirements for the class of 2018 and beyond. All students entering 9th grade in the Fall of 2014 will be required to take a “core foundation” of academic courses which meet the Foundation High School Plan (FHSP, page ??) requirements deemed necessary to pursue post-secondary education. Students then must select an Endorsement which can be chosen from several areas. Choosing a career cluster, or Endorsement area, gives the student direction on which electives and advanced courses to take in high school and encourages the wise use of the elective opportunities. This organized sequence of courses becomes more specialized as you approach graduation.

In the 8th grade you must begin the process of developing a personalized graduation plan for the next 5 years (high school and after). Using CSISD’s Career Cruising software you can determine your career interests and aptitudes (see page ??). Then your parents, counselors, and teachers can help you to develop a graduation plan which identifies and implements a Graduation Endorsement that is right for you.

The Endorsements available at CSISD high schools are listed below.

STEM (science, technology, engineering, and math)

- Science
- Technology
- Engineering
- Advanced mathematics

Public Services

- Health Sciences
- Human Services and Education & Training
- Law, Public Safety, Corrections & Security

Business and Industry

- Agricultural, Food & Natural Resources
- Architecture & Construction
- Arts, Audio Visual & Communication
- Business Management & Administration
- Hospitality & Tourism
- Information Technology
- Marketing & Finance

Arts and Humanities

- World Languages
- AP Social Studies
- Fine Arts
 - Art
 - Music
 - Theater
 - Dance

Multidisciplinary Studies

- Four advanced courses from within one endorsement area that are not in a coherent sequence
- Two advanced courses from each of two endorsement areas
- Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics
- Four AP courses to include one credit in each of the four foundation subjects

The following page gives a small sample of the requirements for each Endorsement area.

For more information on endorsements, required courses and sample graduation plans, follow our QR to the New 2018 Graduation Requirements web page.





Course Requirements for Endorsements (2018 and after graduates)

	SCIENCE, TECHNOLOGY, ENGINEERING & MATH	BUSINESS & INDUSTRY	ARTS & HUMANITIES	PUBLIC SERVICES	MULTIDISCIPLINARY
English Language Arts (4)	English I, II, III	English I, II, III	English I, II, III	English I, II, III	English I, II, III
	Advanced English	Advanced English	English IV	Advanced English	English IV
Mathematics (4)	Algebra I	Algebra I	Algebra I	Algebra I	Algebra I
	Geometry	Geometry	Geometry	Geometry	Geometry
	Algebra 2	+1 math	+1 math	+1 math	+1 math
	+1 advanced math	+1 advanced math	+1 advanced math	+1 advanced math	+1 advanced math
Science (4)	Biology	Biology	Biology	Biology	Biology
	Chemistry	IPC or advanced science	IPC or advanced science	IPC or advanced science	Chemistry
	Physics	+2 advanced science	+2 advanced science	+2 advanced science	Physics +1 advanced science (includes IPC if taken before Chemistry)
	+1 advanced science (includes IPC if taken before Chemistry)				
Social Studies (3 or 4) (see Arts & Humanities and Multidisciplinary column)	World Geography OR World History	World Geography OR World History	World History & World Geography	World Geography OR World History	World Geography &/or World History
	US History	US History	US History	US History	US History
	Govt & Economics	Govt & Economics	Govt & Economics	Govt & Economics	Govt & Economics
Languages other than English (2)	choice of language I, II	choice of language I, II	choice of language I, II	choice of language I, II	choice of language I, II
Fine Arts (1)	choice of performance art OR visual art	choice of performance art OR visual art	choice of performance art OR visual art	choice of performance art OR visual art	choice of performance art OR visual art
Physical Education (1)	choice of PE OR Athletics	choice of PE OR Athletics	choice of PE OR Athletics	choice of PE OR Athletics	choice of PE OR Athletics
Electives appropriate for programs of study in the Texas Career Clusters (or student's career of choice) + other elective credits (See clusters/course descriptions) (6½)	Science, Technology, Engineering & Math	Agriculture, Food & Natural Resources	Art	Education & Training	Four advanced courses from within one endorsement area that are not in a coherent sequence
		Architecture & Construction	Music	Human Services	
		Arts, AV Technology & Communications	Dance	Law, Public Safety, Corrections & Security	Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics
		Business Management & Administration	Theater	Health Sciences	
		Hospitality & Tourism	Foreign Language (4 years of same lang)		
		Information Technology	AP Social Studies (4)		Four AP courses to include one credit in each of the four foundation subjects
		Marketing & Finance			

2015-16 Course Selection Cheat Sheet – Remember: Deadline to change course selection is June 12TH!

These symbols following a course mean:

½ - one semester course

F-fall, S-spring

@-Course lasts two periods

+ application or interview required

All courses with “*” require a teacher signature. Course explanations are found in Course Description Book.

4

ENGLISH 1080 ESOL I * 1090 ESOL II * 1100 Read I * 1110 Eng I 1120 Eng I H * 1130 Eng I PreAP * 1210 Eng II 1220 Eng II H * 1230 Eng II PreAP * 1310 Eng III 1320 Eng III H * 1330 Eng III AP * 1410 Eng IV 1420 Eng IV H * 1430 Eng IV AP * 1440 Eng IV Dual *	SOCIAL STUDIES 4100 World History 4110 World History H * 4150 AP World History * 4120 World Geog 4130 World Geog H * 4140 AP Human Geography * 4210 US History 4210F Flipped US History * (CSHS) 4220 US History H * 4230 US History AP * 4313 Government- ½ (11-12) 4313PB Proj Based Govt- ½ (11-12) 4313OL Online Government ½ (11-12) 4303 Govt H - ½ (11-12)* 4321 AP Govt/Politics - ½ (11-12)* 4323 Government Dual-S ½ (11-12)* 4333 Economics- ½ (11-12) * 4333PB Proj Based Econ- ½ (11-12) 4333OL Online Econ ½ (11-12) 4343 Economics H ½ (11-12)* 4353 Economics Dual-F ½ (11-12)* 4363 AP MicroEconomics - ½ (11-12)* 4513 Psychology ½ (11-12) 4533 Psychology AP ½ (11-12) * 4613 Sociology ½ (9-12) 4613PB Proj Based Soc-F, S ½ (12)	SPEECH 1813 Communication App-F,S ½ 1820 Debate I/ Comm App * 1840H Debate IIH * 1850H Debate IIH * 1900 Oral Int I/ Comm App * 1910 Oral Int II H * 1920 Oral Int III H * 1930H Ind. Study Speech H *
MATH 2210 Alg I * 2410 Geom * 2410F Flipped Geom * 2420 Geom Pre AP * 2550 Math Models App * 2510 Alg II * 2520 Alg II Pre AP * 2620 Adv Quant Reas * 2600 Pre-Cal * 2610 Pre-Cal Pre AP * 2630 AP Statistics * 2810 AP Calculus AB * 2820 AP Calculus BC * 2580 Engineering Math *	FOREIGN LANGUAGES 7010 French I 7020 French II * 7030 French II H * 7040 French III Pre-AP * 7060 French IV AP Lang * 7110 German I 7120 German II * 7130 German II H * 7140 German III Pre-AP * 7150 German IV AP * 7210 Spanish I 7220 Spanish II * 7220PB Project Based Spanish II ** 7230 Spanish II H * 7240 Spanish for Heritage Speakers * 7250 Spanish III PreAP * 7270 Span IV AP Lang * 7280 Span V AP Lit * 7310 Latin I 7320 Latin II * 7330 Latin II H * 7340 Latin III Pre-AP * 7350 Latin IV AP * 7410 Mandarin Chinese I (online only) 7420 Mandarin Chinese II (online only)*	HEALTH & PHYSICAL ED 5013 Health-F,S ½ 5051 Individual Sports-F ½ 5052 Individual Sports-S ½ 5081 Boot Camp- F ½ 5082 Boot Camp- S ½ 5131F Girls Body Sculpt-F ½ 5132F Girls Body Sculpt-S ½ 5131M Boys Weight Trng-F ½ 5132M Boys Weight Trng -S ½ 5191 Kickball/ Baseball/Dodgeball-F-½ 5192 Kickball/ Baseball/Dodgeball-S-½ 5121 Soccer/Football/Bsktball-F-½ 5122 Soccer/Football/Bsktball-S-½ 5061 Outdoor Ed.-F ½ 5062 Outdoor Ed.-S ½ 5111 Step/Pilates/Body Pump-F ½ 5112 Step/Pilates/Body Pump-S ½ 5151 Walking-F ½ 5152 Walking-S ½ 5270 Sports Medicine I* 5290 Sports Medicine II* 5284 Athletic Trainer II + 5180 Athletic Trainer III + 5184 Athletic Trainer IV + ATHLETICS See page 44 in Course Catalog Cheerleading – Students trying out should sign up for 1 credit of other courses and clearly mark which courses you want to drop for cheerleading. After tryouts course requests will be corrected.
SCIENCE 3210 Biology * 3220 Biology Pre-AP * 3320 Bio II AP * 3110 Int Physics & Chem * 3410 Chemistry I * 3420 Chemistry I PreAP * 3430 Chemistry II AP * 3510 Physics: Princ of Tech * 3610 Physics I * 3620 AP Physics 1 * 3640 AP Physics 2 * 3630 AP Physics C * 3710 Aquatic Science * (AMCHS) 3720 Environmental Systems * 3810 Anatomy & Phys * 3820 Anatomy & Phys H * 3830 Adv Biotechnology * 3850 Astronomy *	AVID 0110 AVID 9 th + 0130 AVID 11 th + 0120 AVID 10 th + 0140 AVID 12 th +	NO CREDIT (Only 1 for 9-11th & 2 for 12th) 9211 Office Aide-F ½ (9-12) * 9212 Office Aide-S ½ (9-12) * 9220 Library Aide (11-12) * 9231 Counselor Aide-F ½ (11-12) * 9232 Counselor Aide-S ½ (11-12) * 9240 Nurse Aide (11-12) * 9301 Study Hall-F ½ (9-12) 9302 Study Hall-S ½ (9-12) 9501 Study H/Drivers Ed-F ½ (9-12) 9502 Study H/Drivers Ed-S ½ (9-12) 9111 1 st per No Class-F ½ (12) 9112 1 st per No Class-S ½ (12) 9121 2 nd per No Class-F ½ (12) 9122 2 nd per No Class-S ½ (12) 9161 6 th per No Class-F ½ (12) (CSHS) 9162 6 th per No Class-S ½ (12) (CSHS) 9171 7 th per No Class-F ½ (12) 9172 7 th period No Class-S ½ (12) 9182 8 th per No Class-F ½ (12) (AMCHS) 9172 8 th per No Class-S ½ (12) (AMCHS)
JOURNALISM 1503 Journalism I ½ 1510 Newspaper I * + 1520 Adv Journ Newspaper II * 1530 Adv Journ Newspaper III * 1540 Adv Journ Newspaper IV * 1610 Adv Journ Yearbook I+ 1620 Adv Journ Yearbook II * 1630 Adv Journ Yearbook III *	WORK PERIODS 6810 1 st Period 6850 5 th Period 6820 2 nd Period 6860 6 th Period 6830 3 rd Period 6870 7 th Period 6840 4 th Period 6880 8 th Period (AMCHS)	
BLINN & TAMU - Consult the Course Description Book on requirements & see your Counselor. If you meet requirements & register, your schedule can then reflect the correction.		

ELECTIVES / FINE ARTS / ENDORSEMENTS WITH SEQUENCES

Business and Industry		Arts and Humanities (includes Fine Arts courses)
AG, FOOD & NATURAL RESOURCES 6000 Intro to Ag Science (9-11) 6003 Horticulture Science ½ (10-12) 6013 Landscape Des & Mngmnt - ½ (10-12) 6020 Princ & Elem of Floral Design (10-12) 6070 Ag Mech & Metal Fab (10-12) (AMCHS) 6080 Adv Ag Mech (11-12) @+ (AMCHS) 6084 Practicum in Ag Mech (12) @+ (AMCHS) 6030 Wldlf, Fish & Eco Mngmnt (10-12) (CSHS) 6033 Energy & Nat Resources - ½ (10-12) (CSHS) 6073 Range Eco & Mngmnt - ½ (10-12) (CSHS) 6083 Forest & Wldnd Ecosyst - ½ (10-12) (CSHS) 6064 Food Tech & Safety (10-12) (CSHS) 6060 Food Processing (11-12) @+ (CSHS) 6040 Livestock Prod (10-12) (AMCHS) 6043 Equine Science - ½ (10-12) (AMCHS) 6053 Small Animal Mngmnt - ½ (10-12) (AMCHS) 6050 Vet Medical Apps (11-12) * (AMCHS) 6023 Leadership in Ag - ½ (9-12)	ARTS, AUDIO VISUAL & COMMUNICATION 6230 Fashion Design (10-12) 6440 Audio/Video Prod (10-12) @ + 6450 Adv Audio/Video Prod H (11-12) @ + 6460 Practicum in Audio/Video Prod H (12) @ + 6420 Animation I (10-12) * 6430 Animation II H (11-12) @ * 6364 Video Game Design (11-12) * 6410 Graphic Design & Illust (9-12)	Art 8010 Art I (9-12) 8024 Art II Sculpture (10-12) * 8020 Art II Painting (10-12) * 8080 Art III Painting (10-12) * 8030 Art II Drawing (10-12) * 8040 Art III Drawing (10-12) * 8060 Art IV Drawing (11-12) * 8070 AP Studio Art Drawing (12) * 8074 AP Studio Art 2-D Design (12) * 8050 AP Art History (11-12) *
		Band (Consult Band Director) 8450 Band I / March / Conc / Symph / Wind 8460 Band II / March / Conc / Symph / Wind 8470 Band III / March / Conc / Symph / Wind 8480 Band IV / March / Conc / Symph / Wind 8610 Stage Band I (9-12) * 8620 Stage Band II (10-12) * 8630 Stage Band III (11-12) * 8640 Stage Band IV (12) * 8780 AP Music Theory (11-12) *
		Choir (Consult Choir Director) 8310 Concert Choir I (9-12) 8320 Concert Choir II (10-12) 8330 Concert Choir III (11-12) 8340 Concert Choir IV (12) 8240 Chorale I (9-12) 8250 Chorale II (10-12) 8260 Chorale III (11-12) 8270 Chorale IV (12) 8350 Choir Voc Ens I (9-12) * 8360 Choir Voc Ens II (10-12) * 8370 Choir Voc Ens III (11-12) * 8380 Choir Voc Ens IV (12) * 8210 Men's Chorus I (9-12) 8214 Men's Chorus II (10-12) 8220 Men's Chorus III (11-12) 8224 Men's Chorus IV (12)
		Dance 5200 Dance I (9-12) 5204 Dance II (10-12) 5210 Dance III (11-12) 5214 Dance IV (12) 5220 Pre-Drill Team Training (Dance I) (9-11) 5200 Drill Team / Adv Dance I * 5230 Drill Team / Adv Dance II * 5240 Drill Team / Adv Dance III * 5260 Drill Team / Adv Dance IV * 8560 Color Guard I * 8564 Color Guard II * 8570 Color Guard III * 8574 Color Guard IV *
ARCHITECTURE & CONSTRUCTION 6753 Prin of Arch & Const - ½ (9-12) 6240 Interior Design (10-12) 6750 Building Technology (10-12) (CSHS) 6754 Adv Build Tech (11-12)@+ (CSHS) 6780 Architect Design (10-12) (CSHS) 6784 Adv Arch Des (11-12)@+ (CSHS) 6764 Pract in Arch Des (12)@+ (CSHS) 6774 Pract in Constr (12)@+ (CSHS)	BUSINESS MANAGEMENT & ADMIN 6513 Princ of Bus, Mktg, & Fin - ½ (9-12) 6503 Keyboarding - ½ (9-12) 6520 Bus Inform Mngmnt I (9-12) 6530 Bus Inform Mngmnt II-Hon (10-12) * 6553 Business Law - ½ (10-12)	Band (Consult Band Director) 8450 Band I / March / Conc / Symph / Wind 8460 Band II / March / Conc / Symph / Wind 8470 Band III / March / Conc / Symph / Wind 8480 Band IV / March / Conc / Symph / Wind 8610 Stage Band I (9-12) * 8620 Stage Band II (10-12) * 8630 Stage Band III (11-12) * 8640 Stage Band IV (12) * 8780 AP Music Theory (11-12) *
HOSPITALITY AND TOURISM 6910 Culinary Arts (11-12) @ + (CSHS) 6920 Pract in Culinary Arts (12) @ + (CSHS)	INFORMATION TECHNOLOGY 6303 Princ of Information Tech - ½ (9-11) 6313 Dig. & Inter. Multimedia - ½ (9-11) 6320 Computer Maint Honors (10-12) + (AMCHS) 6330 Telecom & Netwrkng H (11-12) @ + (AMCHS) 6340 Computer Technician H (12) @ + (AMCHS) 6350 Computer Prog I Honors (9-12) * 6360 Computer Prog II Honors (10-12) * 6470 Webpage Design (10-12) *	Choir (Consult Choir Director) 8310 Concert Choir I (9-12) 8320 Concert Choir II (10-12) 8330 Concert Choir III (11-12) 8340 Concert Choir IV (12) 8240 Chorale I (9-12) 8250 Chorale II (10-12) 8260 Chorale III (11-12) 8270 Chorale IV (12) 8350 Choir Voc Ens I (9-12) * 8360 Choir Voc Ens II (10-12) * 8370 Choir Voc Ens III (11-12) * 8380 Choir Voc Ens IV (12) * 8210 Men's Chorus I (9-12) 8214 Men's Chorus II (10-12) 8220 Men's Chorus III (11-12) 8224 Men's Chorus IV (12)
Public Services HUMAN SERV & EDUC & TRAINING 6200 Teen Living (9-10) 6253 Child Development - ½ (10-12) 6213 Foods 101 - ½ (10-12) 6900 Intro to Culinary - ½ (10-12) 6223 Dollars and Sense - ½ (10-12) 6270 Ready, Set, Teach (11-12) @ + 6274 Ready, Set, Teach 2 (12) @ +	MARKETING & FINANCE 6513 Princ of Bus, Mktg, & Fin - ½ (9-12) 6613 Fashion Marketing - ½ (9-12) 6623 Sports & Entertainment Mktng - ½ (9-12) 6633 World of Money - ½ (11-12) 6600 Entrepreneurship H (10-12) 6640 Accounting I-H (10-12) 6650 Accounting II-H (11-12) *	Choir (Consult Choir Director) 8310 Concert Choir I (9-12) 8320 Concert Choir II (10-12) 8330 Concert Choir III (11-12) 8340 Concert Choir IV (12) 8240 Chorale I (9-12) 8250 Chorale II (10-12) 8260 Chorale III (11-12) 8270 Chorale IV (12) 8350 Choir Voc Ens I (9-12) * 8360 Choir Voc Ens II (10-12) * 8370 Choir Voc Ens III (11-12) * 8380 Choir Voc Ens IV (12) * 8210 Men's Chorus I (9-12) 8214 Men's Chorus II (10-12) 8220 Men's Chorus III (11-12) 8224 Men's Chorus IV (12)
LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY 6703 Pre-Law - ½ (9-12) 6710 Intro to Criminal Justice (10-12) 6720 Intro to Law Enforcement (11-12) *	Other Business & Industry Endorsements • Journalism, Newspaper I, II, III, IV (4 credits) • Journalism, Yearbook I, II, III, IV (4 credits) • Debate I, II, III, IV (4 credits)	Dance 5200 Dance I (9-12) 5204 Dance II (10-12) 5210 Dance III (11-12) 5214 Dance IV (12) 5220 Pre-Drill Team Training (Dance I) (9-11) 5200 Drill Team / Adv Dance I * 5230 Drill Team / Adv Dance II * 5240 Drill Team / Adv Dance III * 5260 Drill Team / Adv Dance IV * 8560 Color Guard I * 8564 Color Guard II * 8570 Color Guard III * 8574 Color Guard IV *
HEALTH SCIENCES 6123 Intro to the Health Care Field - ½ (9-12) 6130 Intro to Medicine (10-12) * (AMCHS) 6130H Intro to Medicine-Honors (10-12) * (AMCHS) 6140 Basic Medical Prac H (11-12) @ + (AMCHS) 6191 P&S: Hlth Sci (CNA) F (11-12) @ + (AMCHS) 6192 P&S: Pharm/Hlth Sci H S ½ (12) + (AMCHS) 6144 Pract in Hlth Sci – EMT (12) @ + (AMCHS) 6800 Car'r Prep I: Health Sci (11-12) + 6890 Car'r Prep II: Health Sci (12) +	SCIENCE TECH, ENGINEERING & MATH 6743 Concepts of Engin and Tech - ½ (9-12) 6760 Engin Design and Presentation (10-12) 6770 Electronics (10-12) 6744 Pract in STEM (11-12) @ +	Theater (Consult Theatre Director) 8110 Theater Arts I (9-12) 8120 Theater Arts II (10-12) * 8130 Theater Arts III (11-12) * 8140 Theater Arts IV (12) * 8150 Technical Theater I (10-12) * 8160 Technical Theater II (11-12) * 8170 Technical Theater III (12) * 8090 Theatre Production I (10-12) * 8100 Theatre Production II (11-12) * 8180 Theatre Production III (12) * 8114 Musical Theater I (9-12) 8124 Musical Theater II (10-12) 8134 Musical Theater III (11-12)
Career & Technology work opportunities 6800 Car'r Prep I (11-12) 6890 Car'r Prep II (12)	Multidisciplinary • 4 credits in each of the four foundation subject areas to include English IV and chemistry and/or physics • 4 AP courses to include one credit in each of the four foundation subjects • 4 advanced CATE courses from any endorsement area See your counselor for other options.	Orchestra (Consult Orchestra Director) 8710 Orchestra I * 8720 Orchestra II * 8730 Orchestra III * 8740 Orchestra IV *
Other Arts & Humanities Endorsements • 4 years of the same Language • 4 AP Social Studies credits	Other Business & Industry Endorsements • Journalism, Newspaper I, II, III, IV (4 credits) • Journalism, Yearbook I, II, III, IV (4 credits) • Debate I, II, III, IV (4 credits)	Orchestra (Consult Orchestra Director) 8710 Orchestra I * 8720 Orchestra II * 8730 Orchestra III * 8740 Orchestra IV *

Remember: Deadline to change course selection is June 12TH, 2015.

Name: _____ ID #: _____
Next year grade: _____

The Five Year Plan is intended to give you and your parent(s) a guide to use as you progress through high school. You will want to review the plan each year to make sure you are taking the required courses for graduation. Make sure that you are taking the academic courses that correspond to your endorsement plan.						My Graduation Plan Type Is:			Office Use Only				
						2016-2017 grads		2018 and after graduation		Date received:			
						Recommended		Foundation Endorsement					
						Distinguished		Foundation with Endorsement & Performance Acknowledgment		Date(s) Amended / Initial:			
						Endorsement (2018/19 only): Public Service		Arts and Humanities STEM Business and Industry Multidisciplinary Studies					
						Specialization/Cluster Area: Agriculture (Ag Mech, Vet Med) Agriculture (Nat Res, Food Sci) Architecture/Construction Arts, AV, Communication Business Mngmt/Admin Health Sciences		Hospitality, Tourism, Culinary Human Serv/Education & Training Information Technology Law/Public Safety/Corrections Marketing & Finance Science Tech/Engineering & Math					
						Total Credits for Grad:		26					
Grad Plan for:	2016-2017 grads	2018 and after grads		9 th Grade		10 th Grade		11 th Grade		12 th Grade		After High school	
Subject	Recommended Plan credits	Foundation credits	Endorsement credits									My Post High School plans will take me to:	
English	4	4	4	English I		English II		English III		English IV		(Check as many as apply): Two Year College Technical Training Four Year College Employment Military Other	
Math	4	3	4										
Science	4	3	4	Biology									
Soc Studies	4	3	4	World Geography*		World History*		U. S. History		Government / Economics			
Foreign Lang	2	2	2										
Fine Arts	1	1	1										
Physical Ed	1	1	1										
Speech	½	0	0										
Electives	5 ½	5	7										
Total Credits for Grad:	26	22	26										
1 English				English I		English II		English III		English IV			
2 Math													
3 Science				Biology									
4 Soc Studies				World Geography*		World History*		U. S. History		Government / Economics			
5 Required/ Elect													
6 Endorsement / Elective													
7 Endorsement / Elective													
7 th grade/ Summer courses													

* (recommended for college bound)

Student Signature

Parent Signature

Date _____

I understand this document is a plan and is subject to change. I agree with this plan on this date and understand that if the plan is changed I will be notified of the changes.

How to Read Course Descriptions

1. The course number that we use locally.
2. The name of the course.
3. The way the course will print on the transcript.
4. Grade levels for which course is offered.
5. Length of the course.
6. Credit received for this course.
7. Grade point for the course. All regular courses are on a 4.0 scale. Honors, Pre-AP, and AP courses are on a 5.0 scale.
8. Any prerequisite courses or stipulations.
9. Dual Blinn credit course information
10. Explanation of course
11. Some courses receive more credits due to the periods they meet or on-the-job training.
12. Semester that course is offered if it is a one semester course.
13. Any fees required for the course.
14. Type of credit received after course completion.

1	2	3
2410	GEOMETRY (GEOM)	
4	9 th - 10 th	5
Prerequisite(s): Algebra I		6
Course Description: Introduction and basics of plane, solid, and coordinate geometry. Stresses geometric knowledge of physical space, deductive and inductive reasoning, and the integration of geometry and algebra.		7
Fee: none		4.0
		Math Credit

4353	ECONOMICS DUAL ENROLLMENT (ECO-FE) / BLINN PRINCIPLES OF ECONOMICS (MACRO 2301)	
12 th	Sem (F)	0.5 credit
8	Prerequisite(s): Acceptable THEA scores or the ability to exempt THEA; students must pay Blinn tuition and purchase texts; student and parent must sign contract for class; Senior standing & teacher approval	
10	Course Description: A study of the macroeconomic principles with emphasis on national income analysis and theory, monetary and fiscal policy, stabilization policy, economic growth and development and public finance. Upon successful completion of this semester long course, the student will earn three (3) hours of college Economics credit, as well as his or her high school senior Economics credit.	
Fee: students must pay Blinn tuition and purchase texts		4.0
		Social Studies Credit

6191	PROBLEMS AND SOLUTIONS IN HEALTH SCIENCE (CNA)	
FALL ONLY		
11-12	12	Sem (F)
1 credit (2 per)		11
Prerequisite(s): Intro to HCF, Biology, Admission committee approval, 16 years of age by November		4.0
Course Description: If you are interested in a health care career as a Certified Nurse Aide (CNA), this class is for you. By working one-on-one with nursing home residents and staff, students will learn the skills necessary to pass the State C.N.A. exam in December. Successful completion of this certification allows you to immediately begin working in a long term care facility (such as a nursing home), providing you with valuable workplace experience.		
Fee: Certification fee approximately \$95; Financial aid available		Elective/CTE Credit

6330	TELECOMMUNICATIONS & NETWORKING HONORS (TELECOMN)	
11-12	Year (2 per. block)	2
11		5.0
Prerequisite(s): Computer Maintenance; Admission committee approval		
Course Description: Students will study the fundamentals of networking and telecommunications. Hands on applications will be used to learn network server administration, security, Ghost Imaging and Casting, disaster recovery, domain environments and web hosting administration. Students will maintain classroom networks as well as dedicated network servers. Students will be prepared to take the internationally recognized <u>CompTIA N+ Certification Exam</u> .		
*Students will cover the \$150 cost of the Certification Exam if they choose to take it. (financial aid available)		
*Dual Credit / LAC (see page 17).		
Fee: none		Elective/CTE Credit

ENGLISH COURSES

NOTE TO PARENTS: The **Honors** and **AP** courses constitute **four-year programs**. In order for a student to obtain sequential skills and to be successful in these courses, we strongly recommend that students enter these levels in the 9th grade.

1080 1090	ENGLISH FOR SPEAKERS OF OTHER LANGUAGES I, II (ENG1SOL, ENG2SOL)			
9 th - 12 th	Year	1 credit	3.0	

Prerequisite(s): English Proficiency Test

Course Description: Designed to help the non-English speaking student acquire listening, speaking, reading, and writing skills in order to succeed in American schools. ESOL students will be co-enrolled in English courses.

Fee: none Elective Credit

1110	ENGLISH I (ENG 1)			
9 th	Year	1 credit	4.0	

Prerequisite(s): None

Course Description: Emphasizes skill development in reading, writing, literature, research skills, language, grammar, critical thinking, and cooperative learning and intense focus and preparation for the STAAR EOC English I exam, specifically the expository essay. Major writing forms include description, exposition, persuasion, comparison/contrast, and narrative. In literature the major genres covered include fiction (short stories and novels), nonfiction, poetry, and drama.

Fee: none English Credit

1120	ENGLISH I HONORS (ENG 1)			
9 th	Year	1 credit	5.0	

Prerequisite(s): Teacher recommendation

Course Description: Study of various genres of literature for the student with advanced reading, vocabulary, and thinking skills. Focus on the organizational strategy for writing the multi-paragraph essay--descriptive, expository, persuasive, comparison/contrast, and personal writing. Research and documentation skills are also taught. Reading is done outside of class for in-class analysis. THIS COURSE FOLLOWS A RIGOROUS PACE AND REQUIRES DAILY HOMEWORK. Summer work may be required.

Fee: none English Credit

1130	PRE-AP ENGLISH I (ENG 1)			
9 th	Year	1 credit	5.0	

Prerequisite(s): Teacher recommendation

Course Description: Prepares intrinsically motivated, task oriented, proficient readers and disciplined writers for success in our high school's Advanced Placement program. This course follows a rigorous pace and requires daily homework; all reading is done outside of class for in-class analysis. This course includes content immersion, a focus on in-depth analysis of rhetorical strategies, and performance assessed mainly at the analysis and synthesis levels. Students are strongly encouraged to purchase their own copies of novels for annotative purposes and for future reflection. Summer work may be required.

Fee: none English Credit

1210	ENGLISH II (ENG 2)			
10 th	Year	1 credit	4.0	

Prerequisite(s): English I

Course Description: Emphasis on the skills of reading, writing, language usage, grammar, research, and intense focus and preparation for the STAAR EOC English II exam, specifically the persuasive essay. Reading selections will include novels, plays, short stories, poetry, and nonfiction passages.

Fee: none English Credit

1220	ENGLISH II HONORS (ENG 2)			
10 th	Year	1 credit	5.0	

Prerequisite(s): Successful completion of English I Honors or Pre AP suggested; teacher recommendation

Course Description: For the advanced student. Includes development in analytical writing, critical writing and reading, vocabulary enrichment, an in-depth study of more advanced literary selections; emphasis is on higher-level thinking skills; course curriculum is divided by themes. At least two major writing assignments each six weeks will be required that will focus on writing as a process in order to prepare students for college. THIS COURSE FOLLOWS A RIGOROUS PACE AND REQUIRES DAILY HOMEWORK. Summer work may be required.

Fee: none English Credit

1230	PRE-AP ENGLISH II (ENG 2)			
10 th	Year	1 credit	5.0	

Prerequisite(s): Successful completion of English I Pre-AP required unless recommended by current teacher

Course Description: Prepares task-oriented, proficient readers and highly-motivated writers for success in our high school's Advanced Placement program. Analysis of world literature will include in-depth review of complex literary devices and rhetorical strategies. Students will be required to use sophisticated language to persuasively analyze literature during class discussions and for in-class timed writings and process essays. Projects and formal presentations will also be included during the year. Students are encouraged to purchase copies of novels and plays for both annotative purposes and for reflection. THIS COURSE FOLLOWS A RIGOROUS PACE AND REQUIRES DAILY HOMEWORK. Summer work will be required.

Fee: none English Credit

1310	ENGLISH III (ENG 3)			
11 th	Year	1 credit	4.0	

Prerequisite(s): English I and II

Course Description: This course has been designed to help students develop into more engaged, confident, and effective readers and writers. Students will work in a variety of American fiction, nonfiction, drama, poetry, short stories, and essays. Class time will often focus on reading, writing, and conferring with the teacher and other students. Instruction will focus on developing students' reading and writing skills. Reading and writing assessments will focus on both process and progress.

Fee: none English Credit

1320	ENGLISH III HONORS (ENG 3)			
11 th	Year	1 credit	5.0	
Prerequisite(s): Successful completion of English I Honors/Pre-AP and English II Honors/Pre-AP; teacher recommendation Course Description: College preparatory course that includes a survey of religious, philosophical, and literary movements in American literature. Students will read literature (including poetry, fiction, nonfiction, and plays) outside of class for in-class analysis, and complete the majority of all writing assignments outside of class. Skills will build on those developed in English I-Honors and English II-Honors. This course follows a rigorous pace and requires daily homework. Summer work will be required. Fee: none English Credit				

1330	ENGLISH III-ADVANCED PLACEMENT (APENGLAN)			
11 th	Year	1 credit	5.0	
Prerequisite(s): Successful completion of English I Pre-AP and English II Pre-AP; teacher recommendation Course Description: College-level class (pace and assignments are consistent with college study) that prepares students for success on the Language and Composition AP exam. Survey of religious, philosophical, and literary movements in American literature. Strong emphasis on independent writing tasks, which will include both timed writings and process papers. This course requires daily homework. A student scoring well on the AP exam may place out of three to six college credit hours. Summer work will be required. Fee: none English Credit				

1410	ENGLISH IV (ENG 4)			
12 th	Year	1 credit	4.0	
Prerequisite(s): Successful completion of English I, II, and III Course Description: Chronological survey of political, religious, philosophical, and literary movements in British literature from the Anglo-Saxons to the 20th century. Exposure to major authors, works, and themes, focusing on literary analysis and poetry from all major periods of British literature. Emphasis on reading, writing, language usage, literary devices, and research skills. Preparation for the world beyond high school is a constant motif Fee: none English Credit				

1420	ENGLISH IV HONORS (ENG 4)			
12 th	Year	1 credit	5.0	
Prerequisite(s): Successful completion of English IH/Pre-AP, English IIH/Pre-AP, and English IIIH/AP Course Description: College-preparatory course with a concentrated analytical and interpretive study of British literature that includes literary related writing. Development of the writing process with emphasis on expository, argumentative, analytical writing, and on logical and critical thinking. THIS COURSE FOLLOWS A RIGOROUS PACE AND REQUIRES DAILY HOMEWORK. Summer work will be required. Fee: none English Credit				

1430	ENGLISH IV ADVANCED PLACEMENT (APENGLIT)			
12 th	Year	1 credit	5.0	
Prerequisite(s): Successful completion of English I Pre-AP, English II Pre-AP, and English III AP Course Description: College-level class (pace and assignments are consistent with college study) that prepares students for success on the Literature and Composition AP exam. Focuses on British and world literature. The chronologically-arranged course covers literature from Anglo-Saxon literature to modern-day works. Literary analysis is the key focus of writings and discussions, timed writings, and synthesis essays. Long-term independent study required in the spring. This course requires daily homework. A student scoring well on the AP exam may place out of three to six college credit hours. Summer work will be required. Fee: none English Credit				

1440	ENGLISH IV DUAL ENROLLMENT / BLINN FRESHMAN ENGLISH (6 HOURS BLINN COLLEGE CREDIT) (ENG 4/ENG 1301, ENG 1302)			
12 th	Year	1 credit	4.0	
Prerequisite(s): Acceptable TSIA scores or the ability to exempt TSIA with the following scores: ACT (19 in English with a 23 composite) or SAT (500 in verbal with a 1070 composite); students must pay Blinn tuition and purchase texts BEFORE each semester begins; student and parent must sign contract for class Course Description: This course follows the required curriculum for Blinn College English 1301 and 1302 courses, in addition to TEKS required by the state of Texas for English IV credit. Students earn letter credit for the Blinn courses and a numerical grade for English IV based on both the Blinn work and the additional English IV assignments. During the first semester, this reading and writing-intensive composition course focuses on the writing of researched argumentative, expository, and persuasive papers. Analytical reading, critical thinking, and library based research skills are emphasized. Essays, including a 2000-word documented library research-based paper, are required. The second semester further develops the analytical, thinking, and research skills underlying academic success through the study of literature. The student's writing of genre based essays, including researched papers, reinforces the thinking skills associated with interpretation, explication, evaluation, analysis, and synthesis. Essays, including a second documented library research-based paper, are required. Upon successful completion of this year-long course, the student will earn six (6) hours of college English credit, as well as his or her high school senior English credit. Fee: students must pay Blinn tuition and purchase texts English Credit				

Summer assignments for **AMCHS students** can be found on the AMCHS Summer Reading website:

<https://sites.google.com/a/csisd.org/amchs-summer-reading/home>.

Summer assignments for **CSHS students** can be found on the CSHS English Department Reading Lists website:

<https://sites.google.com/a/csisd.org/english-department-reading-lists/home>

Reading

1100	READING I (READ1)		
9 th -12 th	Year	1 credit	4.0
Prerequisite(s): Teacher placement			
Course Description: This high school reading course strive to help students reach a reading level consistent with their grade level by supporting growth of fluency, phonics, decoding, word recognition, spelling, and general comprehension. The goal of this course is to ensure that high school students have opportunities to read with competence, confidence, and understanding and can be successful in other courses and on all subjects of state assessments.			
Fee: none		Elective Credit	

Journalism

1503	JOURNALISM I (JRNL5M)	
9 th - 12 th	Sem	½ credit
		4.0
Prerequisite(s): Good writing skills		
Course Description: Review history and contemporary role of mass print media in the United States and the law and ethics of the press; in-depth and intensive study of journalistic writing and the basic principles of newspaper layout. Students with successful completion of course and an interest in a position can apply for newspaper staff.		
Fee: none		Elective Credit

ADVANCED JOURNALISM: NEWSPAPER PRODUCTION
I, II, III AND IV (NP1, NP2, NP3, NP4)

9 th -12 th	Year	1 credit	4.0
<p>Prerequisite(s): Journalism I; Must apply</p> <p>Course Description: Focuses on production of the school newspaper. Requires ability to assume responsibility, meet deadlines, and work independently on projects that require time outside of school. Students produce all elements of the newspaper, including photos, stories, and design using InDesign, Photoshop, and digital photography. After their first year, juniors and seniors in editor positions are eligible for honors contracts.</p> <p>Fee: none</p>			
			Elective Credit

**ADVANCED JOURNALISM: YEARBOOK PRODUCTION
I, II, III AND IV (YBK1, YBK2, YBK3, YBK4)**

9 th -12 th	Year	1 credit	4.0
Prerequisite(s): Must Apply			
Course Description: Focuses on production and marketing of the school yearbook. Requires ability to assume responsibility, meet deadlines, and work independently on projects that require time outside of school. Students produce all elements of yearbook pages, including photos, stories, captions, and layout using InDesign, Photoshop, and digital photography. After their first year, juniors and seniors in editor positions are eligible for honors contracts.			
Fee: none			Elective Credit

Speech

1813 – Fall or Spring	COMMUNICATION APPLICATIONS (COMMAPP)		
9 th -12 th	Sem	½ credit	4.0
Prerequisite(s): None Course Description: Beginning-level course introduces students to principles of effective communication. Students will gain confidence and develop communication skills through a variety of interpersonal communication activities and oral presentations. Course curriculum will also include listening strategies, non-verbal communication, group dynamics and problem-solving, and conflict/negotiation as well as essential elements of effective professional communication. Fee: none Speech Credit			

1820	DEBATE I/COMMUNICATION APPLICATIONS (DEBATE I /COMMAPP)		
	9 th -12 th Year	1-1.5 credits	4.0

Prerequisite(s): Teacher approval with signed permission form from parent/guardian.

Course Description: Full-year course will enable student to earn 1 credit for Debate I with the option to earn 1/2 credit in Communication Applications at the end of the year through credit by exam. While students learn concepts and develop skills from the Communication Applications course, the primary focus is on debate and argumentation skills. Students will learn the foundations for Public Forum Debate, Lincoln-Douglas Debate, Cross-Examination Debate, Student Congress and Extemporaneous Speaking. Students will be expected to work independently on many projects. Students are encouraged but not required to attend speech/debate tournaments.

Fee: none

Elective Credit with Speech credit option

1840H	DEBATE II HONORS (DEBATE 2)		
1850H	DEBATE III HONORS (DEBATE 3)		
10 th -12 th	Year	1 credit	5.0

<p>Prerequisite(s): Teacher approval and Debate I.</p> <p>Course Description: Advanced courses continue preparation in the various formats for debate. All students will be required to prepare and participate regularly as active members of the Debate team.</p> <p>Fee: none</p>	<p>Elective Credit</p>
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1900	ORAL INTERPRETATION I/COMMUNICATION APPLICATIONS (ORALINT1)		
9 th -12 th	Year	1-1.5 credit	4.0

Prerequisite(s): None

Course Description: Full year course will enable the student to earn ½ credits for Communication Applications and 1 Credit for Oral Interpretation. Designed for students who want advanced training in a variety of public speaking and performance activities. Whether the purpose is to inform, persuade, or entertain, this course will help students become more effective, confident and dynamic speakers. Students will be trained in a variety of events offered from the Texas Forensic Association (TFA), National Forensic League (NFL) and the University Interscholastic League (UIL). Students will compose original oratories, follow and speak on current issues as well as select, analyze and perform a variety of literary works. Students will be expected to work autonomously and complete individualized assignments by specified deadlines. Participation in Speech and Debate Team is encouraged but not required.

Fee: none

Elective Credit

1910	ORAL INTERPRETATION II HONORS (ORALINT 2)		
1920	ORAL INTERPRETATION III HONORS (ORALINT 3)		
10 th -12 th	Year	1 credit	5.0
Prerequisite(s): Teacher approval and Oral Interpretation I, Debate I or Debate II Honors.			
Course Description: Advanced courses continue preparation in the various formats for Oral Interpretation. All students will be required to prepare and participate regularly as active members of the Debate team.			
Fee: none		Elective Credit	

1930H	INDEPENDENT STUDY IN SPEECH HONORS (IND SPCH)		
11 th -12 th	Year	1 credit	5.0
Prerequisite(s): Approval of instructor and Debate III			
Course Description: Offers individualized, advanced study for active members of the Speech and Debate Team. Students will work with the instructor to develop an individualized curriculum in advanced development in public speaking, debate, and oral interpretation. Students will be expected to work autonomously and complete assignments by specified deadlines.			
Fee: none		Elective Credit	

MATHEMATICS COURSE DESCRIPTIONS

2210	ALGEBRA I (ALG 1)		
9 th	Year	1 credit	4.0
Prerequisite(s): None			
Course Description: Covers the topics of variables and equations, linear functions and systems, inequalities, polynomials, factoring, and irrational and rational numbers. The use of graphing calculators is incorporated throughout to support the curriculum.			
Fee: none		Math Credit	

2410	GEOMETRY (GEOM)		
9 th - 11 th	Year	1 credit	4.0
Prerequisite(s): Algebra I, passed Alg 1 EOC			
Course Description: Introduction and basics of plane, solid, and coordinate geometry. Stresses geometric knowledge of physical space, deductive and inductive reasoning, and the integration of geometry and algebra.			
Fee: none		Math Credit	

2410F	FLIPPED GEOMETRY (GEOM)		
9 th - 10 th	Year	1 credit	4.0
Prerequisite(s): Algebra I (75 or above), teacher recommendation and internet access outside of school			
Course Description: In this geometry course, technology will be used as a learning tool. Many lessons will use the flipped classroom model of teaching in which a student's homework is learned material before class by viewing an online video. Class time is spent on inquiry-based learning which includes the traditional student homework assignment. The same TEKS will be covered as in the regular geometry course. The ability to have internet access outside of school is essential to enroll in this course.			
Fee: none		Math Credit	

2420	GEOMETRY PRE-AP (GEOM)		
9 th - 10 th	Year	1 credit	5.0
Prerequisite(s): Algebra I Pre-AP (85 or above); teacher recommendation			
Course Description: Introduction and basics of plane, solid, spherical, and coordinate geometry. Stresses geometric knowledge of physical space, and deductive and inductive reasoning. Higher level and critical thinking skills addressed by providing opportunities for discovery and more detailed proof writing.			
Fee: none		Math Credit	

2550	MATHEMATICAL MODELS WITH APPLICATIONS (MTHMOD)		
10 th -12 th	Year	1 credit	4.0
Prerequisite(s): Algebra 1			
Course Description: The class will focus on algebra, probability, and math of finance with emphasis on using technology to solve applied problems. Students may NOT take this course after earning 1/2 credit in Algebra II. Will be replaced in 2015-16 with Algebraic Reasoning pending State Board approval.			
Fee: none		Math Credit	

	ALGEBRAIC REASONING ()		
10 th -12 th	Year	1 credit	4.0
Prerequisite(s): Algebra 1			
Course Description: Students will build on the knowledge and skills for mathematics previously presented in Middle School Math and Algebra I. Students will broaden their knowledge of multiple representations of linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through explorations of patterns and structure, composition of functions, number and algebraic methods, and modeling from data. This course is comparable to and will replace Math Models in 2015-16, pending new course information from TEA.			
Fee: none		Math Credit	

2510	ALGEBRA II (ALG 2)		
10 th - 12 th	Year	1 credit	4.0
Prerequisite(s): Algebra I credit and an 80 or higher in Geometry			
Course Description: Designed to prepare students for higher level math through study of equations, inequalities, and functions. Both algebraic and graphic methods are used in problem solving. Some key topics include linear equations and inequalities, matrices, quadratic functions, exponential and logarithmic functions, rational expressions and rational functions. Graphing calculator is highly recommended for this course (TI-83+ or TI-84).			
Fee: none		Math Credit	

2520	ALGEBRA II PRE-AP (ALG 2)			
10 th - 11 th	Year	1 credit	5.0	
Prerequisite(s): 85 or above in Algebra I Pre –AP, 85 or above in Geometry Pre-AP and teacher recommendation required.				
Course Description: Extends Algebra II curriculum by providing opportunities to solve algebraic problems on a higher level. Emphasis on functional relationships and problem solving in real situations, which should help prepare students to take Pre-AP Pre-calculus the following year.				
Fee: none		Math Credit		

2620	ADVANCED QUANTITATIVE REASONING (ADQUANR)			
11 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): Algebra II				
Course Description: Advanced Quantitative Reasoning (AQR) is a project based mathematics course that follows Algebra I, Geometry, and Algebra II. 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. <i>Will be replaced in 2015-16 with Data Analysis pending State Board approval.</i>				
Fee: none		Math Credit		

DATA ANALYSIS ()				
11 th -12 th	Year	1 credit	4.0	
Prerequisite(s): Algebra 2				
Course Description: Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis. <i>This course is comparable to and will replace Advanced Quantitative Reasoning in 2015-16, pending new course information from TEA.</i>				
Fee: none		Math Credit		

2600	PRE-CALCULUS (PRECALC)			
11 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): 80 or higher in Algebra 2				
Course Description: This course is designed for students who are not considering careers in mathematical or scientific fields of study. Topics in this course include the study of functions, including trigonometric functions and their applications. Juniors enrolled in this course should opt for Statistics their senior year instead of Calculus. This course should be effective in preparing students for taking a basic College Algebra course.				
Fee: none		Math Credit		

2610	PRE-CALCULUS PRE-AP (PRECALC)			
11 th -12 th	Year	1 credit	5.0	
Prerequisite(s): Algebra I, Geometry, 95 or higher in Algebra II or pass Algebra II PAP, <u>and teacher recommendation</u>				
Course Description: Academically rigorous course requiring daily preparation. Students enrolled in Pre-Calculus should have good algebra skills and be willing to utilize those skills to explore new topics which will prepare them for calculus. The primary focus of this course is the study of functions, including trigonometric functions and their applications. Upon completing this course, students should be well prepared for taking AP Calculus or any Freshman level college mathematics course. A graphing calculator is required (TI-83+ or TI-84).				
Fee: none		Math Credit		

2630	AP STATISTICS (APSTATS)			
11 th - 12 th	Year	1 credit	5.0	
Prerequisite(s): 95 or higher in Algebra 2 or successful completion of Algebra 2 Pre-AP				
Course Description: Major concepts and tools for collecting, analyzing, and drawing conclusions from data. Use graphing calculators with statistic capabilities. Students who successfully complete the AP exam may receive credit for a one semester college statistics course. Excellent course for good math students to take along with Pre- Calculus Pre-AP. TI-83+ or TI-84 calculator required.				
Fee: Fee required for AP exam.		Math Credit		

2810	AP CALCULUS-AB (APCALCAB)			
12 th	Year	1 credit	5.0	
Prerequisite(s): Pre-Calculus PAP grade of 80 or higher and teacher recommendation				
Course Description: Covers functions, limits, derivatives, and integrals. Topics viewed geometrically, numerically, and algebraically. Graphing calculator is required for this course. Student may earn credit for one semester of college calculus with qualifying AP exam scores. Fee required for course and exam.				
Fee: Fee required for AP exam.		Math Credit		

2820	AP CALCULUS BC (APCALCBC)			
12 th	Year	1 credit	5.0	
Prerequisite(s): 95 or above in Pre-Calculus PAP and teacher recommendation				
Course Description: Course covers AB Calculus material by the end of the 1st semester. Additional BC Topics including parametric functions, polar functions, vector functions, applications of integrals, and polynomial approximations and series are also covered. This is a very fast paced and intense course for students intending to pursue careers in the engineering sciences or computer sciences at the university level. Students may earn up to two semesters of college credit with qualifying AP scores. Fee required for course and exam.				
Fee: Fee required for AP exam.		Math Credit		

2580	ENGINEERING MATHEMATICS (ENGMATH)			
12 th	Year	1 credit	4.0	
Prerequisite(s): 80 or higher in Algebra 2 or completion of AQR or Pre-Cal				
Course Description: Engineering Mathematics is a course where students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.				
Fee: none		Math Credit		

SCIENCE COURSE DESCRIPTIONS

3210	BIOLOGY I (BIO)		
9 th	Year	1 credit	4.0

Prerequisite(s): none

Course Description: Study of cell function, systematic approach to organisms, principles of heredity, taxonomy, ecological principles, and an introduction to botany. Biological principles are reinforced by strong lab experience.

****Biology students must pass the Biology EOC before entering Chemistry or Physics.****

Fee: none Science Credit

3220	BIOLOGY I PRE-AP (BIO)		
9 th	Year	1 credit	5.0

Prerequisite(s): Algebra Pre-AP, 90 or above test average in current science class and teacher approval

Course Description: Covers the study of cell function, systematic approach to organisms, principles of heredity, taxonomy, ecological principles, and an introduction to botany. Focuses on skills such as process thinking development and problem solving by using hands-on activities. Designed to prepare students for advanced study in biological sciences. ****Biology students must pass the Biology EOC before entering Chemistry or Physics.****

Fee: none Science Credit

3320	BIOLOGY II AP (AP-BIO)		
11 th - 12 th	Year	1 credit	5.0

Prerequisite(s): 90 or above in both Pre-AP Biology I and Pre-AP Chemistry I

Course Description: Advanced course in modern biological principles. Additional outside reading required. May earn credit for college biology with qualifying AP exam score.

Fee: none Science Credit

3110	INTEGRATED PHYSICS AND CHEMISTRY (IPC)		
10 th	Year	1 credit	4.0

Prerequisite(s): Biology

Course Description: Laboratory-oriented study of metric system, measurement, nature of matter, physical and chemical changes, nuclear changes, motion and machines, electricity and magnetism, wave motion, light, and sound.

***NOTE: Students who do not pass the Biology EOC will be placed in IPC.**

Fee: none Science Credit

3410	CHEMISTRY I (CHEM)		
10 th - 12 th	Year	1 credit	4.0

Prerequisite(s): passed Biology EOC

Course Description: Laboratory-oriented course which emphasizes theoretical foundations of chemistry and development of skills in manipulation, acquisition, classification, and communication of data.

Fee: none Science Credit

3420	CHEMISTRY I PRE-AP (CHEM)		
10 th - 12 th	Year	1 credit	5.0

Prerequisite(s): Algebra II or current enrollment, a 90 or above test average in current science class

Course Description: Includes Chemistry I concepts. Faster pace, extra units, and more in-depth study to prepare for AP course.

Fee: none Science Credit

3430	CHEMISTRY II AP (AP-CHEM)		
11 th - 12 th	Year	1 credit	5.0

Prerequisite(s): 95 or above in Chemistry I or 90 or above in Chemistry I-PreAP and Algebra II

Course Description: Laboratory oriented course in modern chemical principles including descriptive, mathematical and theoretical topics. May earn credit for one year of college chemistry with qualifying AP exam score.

Fee: Fee for exam. Science Credit

3510	PHYSICS: PRINCIPLES OF TECHNOLOGY (PRINTECH)		
11 th - 12 th	Year	1 credit	4.0

Prerequisite(s): Two years of Science; teacher recommendation

Course Description: This class uses a unique approach to the concepts of physics. Students study the four energy systems through the use of technology and hands-on activities.

Fee: none Science Credit

3610	PHYSICS I (PHYSICS)		
11 th - 12 th	Year	1 credit	4.0

Prerequisite(s): Biology, Alg 2 or concurrent enrollment

Course Description: Laboratory-oriented course emphasizes theoretical concepts of physics and development of skills in manipulation, acquisition, classification, and communication of data, pertaining to motion, heat, electricity, magnetism, sound, light and nuclear energy.

Fee: none Science Credit

3650	AP PHYSICS 1 (AP-PHYS1)		
10 th - 12 th	Year	1 credit	5.0

Prerequisite(s): 90 or above in Biology or Chemistry; Pre-Cal or concurrent enrollment

Course Description: Strong mathematical principles. Following topics: mechanics, electricity, light, sound, and magnetism. Laboratory experiences analytically based and relate directly to current classroom topics. For students intending to pursue careers in the physical sciences, technical sciences, engineering sciences, or pre-med at the university level. Students may earn a semester of college credit with qualifying AP scores.

Fee: Fee for exam. Science Credit

3644	AP PHYSICS 2 (AP-PHYS2)
11 th - 12 th	Year 1 credit 5.0

Prerequisite(s): AP Physics 1, Pre-Cal or AP Stat, Teacher Recommendation

Course Description: The Physics 2 course is designed to provide a foundation in physics for students in the life science, pre-medicine, and some applied sciences as well as other fields not directly related to science. Students may earn a semester of college credit with qualifying AP scores.

Fee: Fee for exam. Science Credit

3630	AP PHYSICS-C (AP-PHYSC)
11 th - 12 th	Year 1 credit 5.0

Prerequisite(s): AP Physics 1 credit, teacher recommendation, and strongly encourage concurrent enrollment in BC Calculus

Course Description: This class is for students planning to specialize in a physical science or in engineering. In this class, roughly one semester is devoted to mechanics. The second semester is devoted to electricity and magnetism. Use of calculus in problem solving and in derivations is expected to increase as the course progresses. Therefore, it is strongly recommended that students have BC Calculus credit or are concurrently enrolled in BC Calculus. Students may earn up to two semesters of college credit with qualifying AP scores.

Fee: Fee for exam. Science Credit

3710	AQUATIC SCIENCE (AQUASCI)
12 th	Year 1 credit 4.0

Prerequisite(s): Successful completion of 2 of the following courses - Biology, Chemistry and Physics (may be co-enrolled) (AMCHS only)

Course Description: Comprehensive study of aquatic systems. To learn the unique opportunities for life posed by the aquatic environment and to survey the major groups of aquatic organisms and examine their roles in aquatic communities. To be able to recognize on sight important aquatic organisms. To explore some of the unique environmental problems dealing with aquatic environments, and examine relationships among aquatic habitats; cycles in aquatic environments, aquaculture for fun and profit, and watershed studies.

Fee: none Science Credit

3720	ENVIRONMENTAL SYSTEMS (ENVIRSYS)
11 th - 12 th	Year 1 credit 4.0

Prerequisite(s): Biology, Chemistry

Course Description: Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationships between carrying capacity and changes in populations and ecosystems, and changes in environments. This is a project based course.

Fee: none Science Credit

3830	ADVANCED BIOTECHNOLOGY 1 - HONORS (ADVBIOT)
12 th	Year 1 credit 5.0

Prerequisite(s): Biology, Chemistry, Physics

Course Description: An introduction to biotechnology including career exploration, history and applications of DNA/RNA technology, molecular biology, bioethics, laboratory operations, management, equipment, instrumentation, quality control techniques and laboratory safety practices. Laboratory practice includes using pH meters, mixing buffers, DNA isolation and extraction, performing measurements, preparing solutions, and performing separatory techniques to specifications.

Fee: none Science Credit

3810	HUMAN ANATOMY & PHYSIOLOGY (ANAT&PHY)
11 th - 12 th	Year 1 credit 4.0

Prerequisite(s): Biology and Chemistry

Course Description: Comprehensive study of anatomy and physiology of the human body. An overview of histology, general anatomical terminology, and detailed investigation of all body systems. Major mammalian dissection included.

Fee: none Science Credit

3820	ANATOMY & PHYSIOLOGY OF HUMAN SYSTEMS HONORS (ANAT&PHY)
11 th - 12 th	Year 1 credit 5.0

Prerequisite(s): Pre-AP Biology and Pre-AP Chemistry

Course Description: Comprehensive study of Anatomy and Physiology with emphasis on histology, terminology, and investigative applications. Major mammalian dissection, suturing techniques, and numerous disorders/diseases reviewed. Enrolled students should be in the health services career path and considering a career in the medical field.

Fee: none Science Credit

3850	ASTRONOMY (ASTRMY)
11 th - 12 th	Year 1 credit 4.0

Prerequisite(s): Biology, Chemistry, Algebra II (concurrent)

Course Description: Comprehensive study of astronomical topics including, but not limited to: The History of Astronomy; Scientific Thinking and the Scientific Method; the Sky; the Earth-Moon-Sun system; Light and Telescopes; Our Solar System; the Sun; Basic Properties of Stars; Star Formation and Stellar Evolution; Neutron Stars and Black Holes; Galaxies.

Fee: none Science/Elective Credit

SOCIAL STUDIES COURSE DESCRIPTIONS

4100	WORLD HISTORY (WHIST)		
9 th -12 th	Year	1 credit	4.0

Prerequisite(s): None

Course Description: Covers history and development of a variety of world cultures-past and present. Provides a basis for comparison of various ways of life and cultural patterns and an understanding of the manner in which these patterns occurred over time.

Fee: none Social Studies Credit

4110	WORLD HISTORY HONORS (WHIST)		
9 th -12 th	Year	1 credit	5.0

Prerequisite(s): Teacher recommendation

Course Description: Gives students an overview of development and history of a variety of world cultures-past and present. Provides basis for comparison of diverse ways of life and cultural patterns and an understanding of the manner in which these patterns occurred over time. Major topics examined are: The Rise of Civilizations, Flowering of Civilizations, Regional Civilizations, Emergence of the Modern World, Age of Revolution, Industry and Nationalism, World in Conflict, and the Contemporary World. Students must meet the high expectations of this Honors Course by demonstrating mastery of the course objectives. Close reading of the textbook, class participation, collaboration, as well as application of knowledge and completion of projects will be required.

Fee: none Social Studies Credit

4150	AP WORLD HISTORY (APWHIST)		
9 th -12 th	Year	1 credit	5.0

Prerequisite(s): Teacher Recommendation

Course Description: AP World History is a rigorous, college level course designed to explore human history from 8000 B.C.E. to the present and to develop a greater understanding of the evolution of global processes and interactions among different types of human societies over the centuries. The course includes a college-level world history textbook, diverse primary sources and secondary sources by historians or scholars interpreting the past. The course provides opportunities for students to demonstrate command of course themes and key concepts through activities and assignments where students use their knowledge of detailed and specific relevant historical developments and processes—including names, chronology, facts, and events. The course provides balanced global coverage, with Africa, the Americas, Asia, Oceania and Australia, and Europe all represented and provides opportunities for students to develop coherent written arguments that have a thesis supported by relevant historical evidence. A special emphasis will be given to preparation for the National AP Exam, including historical writing through essay and document-based questions (DBQs) as well as objective evaluations.

Fee: none Social Studies Credit

4120	WORLD GEOGRAPHY (WGEO)		
9 th -12 th	Year	1 credit	4.0

Prerequisite(s): None

Course Description: Provides exploration of our world through investigation of physical and human geography. Students use geographic concepts to study specific nations and regions with an emphasis on understanding interactions between humans and their environment.

Fee: none Social Studies Credit

4130	WORLD GEOGRAPHY HONORS (WGEO)		
9 th -12 th	Year	1 credit	5.0

Prerequisite(s): Teacher Recommendation

Course Description: Provides an exploration of our world and human relationships. Students use higher order thinking skills to ask geographic questions, research and present geographic data, and make generalizations based on this data. As they become culturally aware of the world's inhabitants, students make judgments and recommendations, and formulate opinions. Course incorporates a variety of cooperative and individual learning experiences.

Fee: none Social Studies Credit

4140	AP HUMAN GEOGRAPHY/WORLD GEOGRAPHY (AP HUMGEO)		
9 th -12 th	Year	1 credit	5.0

Prerequisite(s): Recommend English I PreAP and corresponding enrollment in English II PreAP/ teacher approval

Course Description: Provides students with analytical skills and factual knowledge about Human Geography. Covers TEKS for World Geography at accelerated pace and emphasizes the following AP Human Geography topics: Nature & Perspectives of Geography, Population, Cultural Patterns & Processes, Political Organization of Space, Agricultural & Rural Land Use, Industrialization and Economic Development, and Cities and Urban Land Use. Preparation for AP test included. Students who score well on the national exams may place out of three college credit hours.

Fee: There is a fee for exam. Social Studies Credit

4210	U.S. HISTORY (USHIST)		
11 th	Year	1 credit	4.0

Prerequisite(s): None

Course Description: Incorporates study of significant people, issues, and events through an investigation of authentic documents, art and music. Course will briefly review Revolutionary and Civil War eras, but will focus on Reconstruction to the present. Two projects per semester will be required.

Fee: none Social Studies Credit

4210F	FLIPPED U.S. HISTORY (USHIST)		
11 th	Year	1 credit	4.0

Prerequisite(s): None (CSHS only)

Course Description: Incorporates the study of significant people, issues, and events through an investigation of authentic documents, art and music. Course will briefly review Revolutionary and Civil War eras, but will focus on Reconstruction to the present. Course will be taught using the "flipped" method in which students will watch lecture videos before coming to class. Class time will be spent applying knowledge from videos in various activities and discussion methods.

Fee: none Social Studies Credit

4220	U.S. HISTORY HONORS (USHIST)			
11 th	Year	1 credit	5.0	
Prerequisite(s): Teacher recommendation				
Course Description: Enhances students' ability to look critically at historical sources. By examining facts and viewpoints, students learn to evaluate evidence, analyze reasoning, and see underlying assumptions. Additional opportunities for role-playing, simulations, and independent research will be provided. Course will briefly review Revolutionary and Civil War eras, but will focus on Reconstruction to the present.				
Fee: none		Social Studies Credit		

4230	U.S. HISTORY AP (APUSHIST)			
11 th	Year	1 credit	5.0	
Prerequisite(s): Highly recommend PreAP/AP English program/teacher approval				
Course Description: Designed to provide students with analytic skills and factual knowledge necessary to deal critically with concepts in United States history, from discovery to settlement of the New World to the present. This course prepares students for intermediate and advanced college level courses by making demands upon them equivalent to those made by full-year introductory college courses. Learn to assess historical material, to weigh evidence and interpretations presented in historical scholarship, to analyze primary sources, to take notes, and to write essay responses and analytical and research essays. Mastery on the AP test enables students to place out of three to six college credit hours. This course is reading and writing intensive.				
Fee: There is a fee for exam.		Social Studies Credit		

4313	U.S. GOVERNMENT (FALL OR SPRING) (GOVT)			
11 th -12 th	Sem	0.5 credit	4.0	
Prerequisite(s): US History and Geography or World History				
Course Description: Examines political heritage, comparative political systems, the Constitution, civil liberties and civil rights, the three branches of government, Texas and local government, law and criminal procedures, political parties, campaigns, and the responsibilities of citizenship.				
Fee: none		Social Studies Credit		

4313PB	PROJECT BASED GOVERNMENT (FALL OR SPRING) (GOVT)			
11 th -12 th	Sem	0.5 credit	4.0	
Prerequisite(s): US History and Geography or World History				
Course Description: PBL Government is an alternative to the traditional classroom that will count towards your required Government credit. The major difference is that in a PBL classroom, teacher lecture is held to a minimum, traditional tests are not given and traditional homework is not given. In place of tests and homework, students learn the material themselves with guided projects throughout the entire course. 15 to 20 projects will be used to teach all the same material learned in the traditional Government classroom. The ability to work well with others in classwork and teacher assigned groups is necessary for success in a project based learning environment.				
Fee: none		Social Studies Credit		

4313OL	ONLINE GOVERNMENT (GOVT)			
11 th -12 th	Sem	0.5 credit	4.0	
Prerequisite(s): US History and Geography or World History				
Course Description: Online Government incorporates all the same elements and curriculum of our regular government class but is presented via on-line lessons, discussion and quizzes. Students must have access to a computer and internet. Students will be required to attend a preliminary orientation and take exams and other major assessments at school.				
Fee: To be determined		Social Studies Credit		

4303	U.S. GOVERNMENT HONORS (GOVT)			
11 th -12 th	Sem	0.5 credit	5.0	
Prerequisite(s): US History and Geography or World History, teacher approval				
Course Description: Gives students a perspective on government and politics in the United States. Includes both the study of general concepts used to interpret U.S. politics and the analysis of specific contemporary examples. It also requires students to familiarize themselves with various institutions, groups, beliefs, and ideas that constitute our political system. Major topics to be examined are: Foundations of Government, Civil Liberties and Rights, Political Behavior, Government by the People, The Legislative Branch, The Executive Branch, The Judicial Branch, Comparative Political and Economic Systems, Participating in Texas State and Local Government, Foreign Affairs and Current Issues. Students must meet the high expectations of this honors course and demonstrate mastery of the course objectives. This involves close reading of the text, class participation, collaboration, acquisition of knowledge and application of current world events and history. Projects required.				
Fee: none		Social Studies Credit		

4321	U.S. GOVERNMENT AND POLITICS AP (APUSGOVT)			
11 th -12 th	Sem	0.5 credit	5.0	
Prerequisite(s): US History and Geography or World History, teacher approval				
Course Description: Includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. Requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Topics presented include: Constitutional Underpinnings of U.S. Government, Political Beliefs and Behaviors, Political Parties, Interest Groups and Mass Media, Institutions of National Government, Public Policy, Civil Rights and Civil Liberties. Preparation for the AP test is included. Additionally, state and local topics are incorporated to meet Texas requirements for graduation. A student scoring well may place out of three college credit hours.				
Fee: There is a fee for exam.		Social Studies Credit		

4323	U.S. GOVERNMENT DUAL ENROLLMENT (GOVT)/ BLINN AMERICAN GOVERNMENT (FEDERAL 2305)			
11 th -12 th	Sem (S)	0.5 credit	4.0	
Prerequisite(s): Acceptable TSIA scores or the ability to exempt TSI; students must pay Blinn tuition and purchase texts; student and parent must sign contract for class; Senior standing & teacher approval Course Description: A study of the organization, functions, and administration of the several branches and agencies of the national government, including a study of the federal constitution. The primary factors considered relate to the three branches of government – judicial, executive, legislative; historical documents. Constitution and Declaration of Independence: and events that shaped our nation and current events. Emphasis will be placed on the interaction of these subsystems. Upon successful completion of this semester long course, the student will earn three (3) hours of college Government credit, as well as his or her high school senior Government credit. Fee: students must pay Blinn tuition and purchase texts				
				Social Studies Credit

4333	ECONOMICS (ECO-FE)			
11 th -12 th	Sem	0.5 credit	4.0	
Prerequisite(s): US History and Geography or World History Course Description: Provides general understanding of US Economic activities, basic differences between capitalism, socialism, and communism, the influence by U.S. ideals of democratic government, laws, customs, and institutions on free enterprise, and familiarization with basic economic terms. Six week's project required. Fee: none				
				Social Studies Credit

4333OL	ONLINE ECONOMICS (ECO-FE)			
11 th -12 th	Sem	0.5 credit	4.0	
Prerequisite(s): US History and Geography or World History Course Description: Online Economics incorporates all the same elements and curriculum of our regular economics class but is presented via on-line lessons, discussion and quizzes. Students must have access to a computer and internet. Students will be required to attend a preliminary orientation and take exams and other major assessments at school. Fee: To be determined				
				Social Studies Credit

4333PB	PROJECT BASED ECONOMICS (ECO-FE)			
11 th -12 th	Sem	0.5 credit	4.0	
Prerequisite(s): US History and Geography or World History Course Description: PBL Economics is an alternative to the traditional classroom that will count towards your required Economics credit. The major difference is that in a PBL classroom, teacher lecture is held to a minimum, traditional tests are not given and traditional homework is not given. In place of tests and homework, students learn the material themselves with guided projects throughout the entire course. 15 to 20 projects will be used to teach all the same material learned in the traditional Economics classroom. The ability to work well with others in classwork and teacher assigned groups is necessary for success in a project based learning environment. Fee: none				
				Social Studies Credit

4353	ECONOMICS DUAL ENROLLMENT (ECO-FE) / BLINN PRINCIPLES OF ECONOMICS (MACRO 2301)			
11 th -12 th	Sem (F)	0.5 credit	4.0	
Prerequisite(s): Acceptable TSIA scores or the ability to exempt TSI; students must pay Blinn tuition and purchase texts; student and parent must sign contract for class; Senior standing & teacher approval Course Description: A study of the macroeconomic principles with emphasis on national income analysis and theory, monetary and fiscal policy, stabilization policy, economic growth and development and public finance. Upon successful completion of this semester long course, the student will earn three (3) hours of college Economics credit, as well as his or her high school senior Economics credit. Fee: students must pay Blinn tuition and purchase texts				
				Social Studies Credit

4343	ECONOMICS HONORS (ECO-FE)			
11 th -12 th	Sem	0.5 credit	5.0	
Prerequisite(s): US History and Geography or World History, teacher approval Course Description: Consists of concepts included in Economics with extended projects and simulation of economic impacts and an emphasis on consumer protection. Research essay is required, and specific projects are due each six weeks. Fee: none				
				Social Studies Credit

4363	AP ECONOMICS (APMICECO)			
11 th -12 th	Sem	0.5 credit	5.0	
Prerequisite(s): US History and Geography or World History, teacher approval Course Description: Comprehensive Advanced Placement Economics embodies 2 Advanced Placement classes during one classroom period. The curriculum covered is the full AP curriculum presented on the AP Central Webpage. Both Microeconomics and Macroeconomics will be taught simultaneously utilizing both in class and flipped (format where lectures are viewed at home) teaching styles. Assessments for both Micro and Macro will be taken during the regular classroom period. Completion of this class will prepare students for 2 Advanced Placement Exams: AP Microeconomics and AP Macroeconomics Meets state economics credit for graduation. Fee: none				
				Social Studies Credit

4533	AP PSYCHOLOGY (APPSYCH)			
11 th - 12 th	Sem	0.5 credit	5.0	
Prerequisite(s): Teacher approval Course Description: Takes an in depth look at psychology as a behavioral and cognitive science through such topics as neuroscience; sensation and perception; states of consciousness; learning; memory; language, thought and intelligence; motivation and emotion; developmental psychology; personality theories; psychological disorders and therapy techniques; social psychology; statistics. A student who scores well on the AP test may place out of three college credit hours. *Students may not take both Psychology and AP Psychology. Fee: AP exam fees				
				Elective Credit

4513	PSYCHOLOGY (PSYCH)			
11 th - 12 th	Sem	0.5 credit	4.0	
Prerequisite(s): Junior or Senior standing				
Course Description: Provides an explanation of how humans behave and their mental processes. Includes the history as well as new concepts in sleep, dreaming, memory, the brain, intelligence and psychological disorders.				
*Students may not take both Psychology and AP Psychology.				
Fee: none			Elective Credit	

4613	SOCIOLOGY (SOC)			
9 th - 12 th	Sem	0.5 credit	4.0	
Prerequisite(s): none				
Course Description: Provides an introductory look at the dynamics of individual and group relationships. Examines the history of sociology, cultural and social norms, social institutions, deviance, criminology and other social problems.				
Fee: none			Elective Credit	

4613PB	PROJECT BASED SOCIOLOGY (SOC)			
9 th - 12 th	Sem	0.5 credit	4.0	
Prerequisite(s): none				
Course Description: An alternative to the traditional classroom, PBL Sociology is an environment of learning where teacher lecture is held to a minimum. Students learn the material themselves with guided projects throughout the entire course. Traditional exams and homework are not given. 15 to 20 projects will be used to teach all the same material learned in the traditional Sociology classroom. The ability to work well with others in classwork and teacher assigned groups is necessary for success in a project based learning environment.				
Fee: none			Elective Credit	

LANGUAGES OTHER THAN ENGLISH (LOTE)

COURSE DESCRIPTIONS

French

7010	FRENCH I (FREN 1)			
9 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): None				
Course Description: Introduction to the French language and French-speaking people with emphasis on speaking and listening skills and the beginning of reading and writing skills.				
Fee: none			LOTE Credit	

7020	FRENCH II (FREN 2)			
9 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): French I or approval				
Course Description: Review and further development of basic skills acquired in French I, including culture. Continuation of development of day-to-day communicative skills. This course may be followed by French III Pre-AP with teacher recommendation.				
Fee: none			LOTE Credit	

7030	FRENCH II HONORS (FREN 2)			
9 th - 12 th	Year	1 credit	5.0	
Prerequisite(s): French I; teacher recommendation				
Course Description: Intensive review with emphasis on speaking and listening skills. Further development in reading, writing, and culture. Emphasis on conversational skills and more advanced grammar and reading assignments throughout the year. Students are expected to use the target language as much as possible in the classroom. Daily homework, independent practice and projects. This course is designed to prepare student for French III Pre-AP. No retesting in this level.				
Fee: none			LOTE Credit	

7040	FRENCH III PRE AP (FREN 3)			
9 th - 12 th	Year	1 credit	5.0	
Prerequisite(s): French II Honors or approval				
Course Description: Thorough review of grammar, longer, more difficult reading selections including novels/plays, and increased awareness of French civilization and culture. Provides continuous opportunities to improve speaking and listening skills. Class will be conducted mainly in French. No retesting in level three course. Preparation for the AP test will begin in this level.				
Fee: none			LOTE Credit	

7060	FRENCH IV AP LANGUAGE (APFR LAN)			
9 th - 12 th	Year	1 credit	5.0	
Prerequisite(s): French III or approval				
Course Description: Culmination of several years of study and seeks to develop and refine skills that have been acquired over a student's entire school career. Emphasis on the four skills of reading, writing, speaking and listening. Preparation for the AP test will be continued.				
Fee: Approximate \$30 fee for workbook. Also fee for AP test.			LOTE Credit	

German

7110	GERMAN I (GERMAN 1)		
9 th - 12 th	Year	1 credit	4.0

Prerequisite(s): none

Course Description: Introduction to the language and culture with emphasis on listening and speaking skills and the beginning of reading and writing.

Fee: none LOTE Credit

7120	GERMAN II (GERMAN 2)		
9 th - 12 th	Year	1 credit	4.0

Prerequisite(s): German I or approval

Course Description: Intensive review with emphasis on speaking and listening skills with further development in reading, writing, and culture. Students are expected to use the target language as much as possible in the classroom.

Fee: none LOTE Credit

7130	GERMAN II HONORS (GERMAN 2)		
9 th - 12 th	Year	1 credit	5.0

Prerequisite(s): German I; teacher recommendation

Course Description: Intensive review with emphasis on speaking, listening and skills. Further development in reading, writing and culture. More advanced reading and writing assignments through the year. Students are expected to use the target language as much as possible in the classroom. No retesting at this level.

Fee: none LOTE Credit

7140	GERMAN III PRE AP (GERMAN 3)		
9 th - 12 th	Year	1 credit	5.0

Prerequisite(s): German II Honors or approval

Course Description: Class will be conducted mainly in German with emphasis on culture and history. Higher level vocabulary and grammar with emphasis on writing and more advanced reading of different genres as well as newspaper articles will be included. No retesting at this level.

Fee: none LOTE Credit

7150	GERMAN IV AP (APGRLAN)		
9 th - 12 th	Year	1 credit	5.0

Prerequisite(s): German III or approval

Course Description: Prepares students for the Advanced Placement Examination in May. Emphasis will be on enhancing listening, speaking, reading, and writing skills as well as broadening the students' understanding of German history, culture and literature. AP materials provided free of charge. No retesting at this level.

Fee: none LOTE Credit

Latin

7310	LATIN I (LATIN1)		
9 th - 12 th	Year	1 credit	4.0

Prerequisite(s): none

Course Description: Introduction to language and culture with emphasis on reading, translation, and grammar skills. Training in accuracy, application, memory, and reasoning. Knowledge of the history and culture of the Roman people will enrich the students' mind and thought process.

Fee: none LOTE Credit

7320	LATIN II (LATIN2)		
10 th - 12 th	Year	1 credit	4.0

Prerequisite(s): Latin I or approval

Course Description: Latin II is for students who will not progress to Latin III PAP. The vocabulary will be presented in thematic units and English word derivation from Latin will be emphasized. This course will do a thorough review of Latin I grammar before adding more concepts. Mythology will be used to enrich English vocabulary and to expose students to stories from Classical Mythology.

Fee: none LOTE Credit

7330	LATIN II HONORS (LATIN2)		
10 th - 12 th	Year	1 credit	5.0

Prerequisite(s): Latin I; teacher recommendation

Course Description: Further development of grammar and vocabulary and cultural based readings. No retesting at this level.

Fee: none LOTE Credit

7340	LATIN III PRE AP (LATIN3)		
11 th - 12 th	Year	1 credit	5.0

Prerequisite(s): Latin II Honors or approval

Course Description: Readings from Roman authors. Further development of grammar and vocabulary and cultural based readings. No retesting at this level.

Fee: none LOTE Credit

7350	LATIN IV AP (APLATVG)		
12 th	Year	1 credit	5.0

Prerequisite(s): Latin III

Course Description: AP Latin will focus on the works of Vergil and Caesar. The students will read and translate poetry and prose, analyze literary texts in written argument, and practice sight reading. Students will relate Latin texts to Roman historical, cultural and literary contexts. The objectives include reading and comprehension, translation, contextualization and analysis of texts. No retesting at this level.

Fee: Fee for textbooks and separate fee for AP test. LOTE Credit

Spanish

7240	SPANISH FOR SPANISH SPEAKERS (SSSPAN 1 & SSSPAN 2)		
9 th - 12 th	Year	2 credits	4.0
Prerequisite(s): Heritage/Native speaker and teacher recommendation			
Course Description: This is an accelerated course for Spanish speakers who have not had any formal instruction in Spanish. This will be an intensive course that will be conducted in Spanish and focus on basic skills the first semester equivalent to Spanish I and in the second semester progress to advanced skills in reading, writing, listening to authentic material and grammar equivalent to Spanish II.			
Fee: none			LOTE Credit

7210	SPANISH I (SPAN 1)		
9 th - 12 th	Year	1 credit	4.0
Prerequisite(s): None			
Course Description: Introduction to the Spanish language, people, culture, history, and geography with emphasis on the language skills, listening comprehension, speaking, reading, and writing.			
Fee: none			LOTE Credit

7220	SPANISH II (SPAN 2)		
9 th - 12 th	Year	1 credit	4.0
Prerequisite(s): Spanish I			
Course Description: Review and further development of basic skills. Reading and writing activities increased. Culture, history, and geography of Spanish speaking countries integrated into the curriculum.			
Fee: none			LOTE Credit

7220PB	PROJECT BASED SPANISH II (SPAN 2)		
9 th - 12 th	Year	1 credit	4.0
Prerequisite(s): Spanish I			
Course Description: This class is an alternative approach to Spanish 2, based on accessing the language through projects and demonstrations. Grammar and vocabulary will be presented and assessed through thematic units centered on common conversational context. Students will exhibit in tangible ways that they are able to communicate on a basic level in the target language. Course content will come from current district curriculum and align with foreign language standards. This course will not serve as a prerequisite for any higher level Spanish courses offered in the district.			
Fee: none			LOTE Credit

7230	SPANISH II HONORS (SPAN 2)		
9 th - 11 th	Year	1 credit	5.0
Prerequisite(s): 90 or higher in Span 1; Teacher recommendation			
Course Description: This course is intended to prepare students for Spanish III Pre-AP. Reading, writing, speaking and listening skills will be highly emphasized. The culture, history, and geography of Spanish speaking countries will be integrated into the curriculum. NO re-tests at this level.			
Fee: none			LOTE Credit

7250	SPANISH III PRE AP (SPAN3)		
9 th - 12 th	Year	1 credit	5.0
Prerequisite(s): Spanish II Honors or teacher recommendation			
Course Description: Includes advanced grammar and more difficult reading selections. Provides opportunities to improve speaking and listening skills. Lessons will be taught in Spanish and students are expected to speak in Spanish. No retesting in level three course.			
Fee: none			LOTE Credit

7270	SPANISH IV -AP, LANGUAGE AND CULTURE (APSPAN)		
9 th - 12 th	Year	1 credit	5.0
Prerequisite(s): Spanish III or approval			
Course Description: Prepares students for the Advanced Placement Language Examination in May. Concentration is placed on enhancing listening, speaking, reading and writing skills as well as broadening the student's understanding of Hispanic culture. Students are also introduced to Spanish literature to prepare for Spanish V Literature and Culture.			
Fee: Fee for workbooks and AP test.			LOTE Credit

7280	SPANISH V -AP, LITERATURE AND CULTURE (APSPALIT)		
10 th - 12 th	Year	1 credit	5.0
Prerequisite(s): Spanish IV or approval			
Course Description: The AP Spanish Literature course is intended to be the equivalent of a 3rd year college Introduction to Latin American Peninsular Literature course, covering selected works from literatures of Spain & Latin America. The course will represent all major literary periods and major genres and the majority will be masterpieces. Prose and poetry will be analyzed orally and in writing using appropriate terminology. Listening, speaking, reading, and writing skills will be refined.			
Fee: Fee for workbook and AP test.			LOTE Credit

Mandarin Chinese (online only)

7410	MANDARIN CHINESE I		
9 th - 11 th	Year	1 credits	4.0
Prerequisite(s): none			
Course Description: This course will provide an introduction to the Mandarin Chinese language. Students will learn pronunciation, acquire vocabulary sufficient for simple conversations and gain an understanding of the historical and cultural background of the Chinese-speaking world. This course is an online learning experience with students interacting with a teacher online. This requires the student to be disciplined, with a commitment to additional study time outside the school day. This is the first year of a minimum two-year sequence for college preparatory students.			
Fee: none		LOTE Credit	

7420	MANDARIN CHINESE II		
10 th - 12 th	Year	1 credit	4.0
Prerequisite(s): Mandarin Chinese I			
Course Description: Students continue to develop proficiency on all four language skills: listening, speaking, reading, and writing, with emphasis on the ability to communicate orally. Students will participate in dialogues about familiar situations, using more complex sentences and grammatical patterns. Familiar materials will be read, and short, directed compositions will be written. Students will focus on the study and mastery of extensive vocabulary. This course is an online learning experience with students interacting with a teacher online. This requires the student to be disciplined, with a commitment to additional study time outside the school day. This is the second year of a minimum two-year sequence for college preparatory students.			
Fee: none		LOTE Credit	

FINE ARTS COURSE DESCRIPTIONS

Art

8010	ART I (ART 1)		
9 th - 12 th	Year	1 credit	4.0
Prerequisite(s): None			
Course Description: Students will apply the elements and principles of design to original pieces of art by exploring a variety of media. Students will be challenged to think creatively while being introduced to art history, aesthetics and critique.			
Fee: \$15		Fine Arts Credit, Elective Credit	

8030	ART II – DRAWING I (ART2DRAW)		
10 th - 12 th	Year	1 credit	4.0
Prerequisite(s): B average in Art 1 & teacher recommendation			
Course Description: Students will expand their exploration of the elements and principles of design with regards to creative drawing solutions and valid mark making. This course requires self-direction, self-motivation and the ability to produce original work.			
Fee: \$25		Fine Arts Credit, Elective Credit	

8040	ART III – DRAWING II (ART3DRAW)		
11 th - 12 th	Year	1 credit	4.0
Prerequisite(s): B average in Drawing I & art teacher recommendation			
Course Description: Students will use a more rigorous exploration of the elements and principles of design with regards to creative drawing solutions and valid mark making. This advanced level course requires self-direction, self-motivation and the ability to produce original work. Drawing classes are production oriented with a portfolio of work required at end of each semester.			
Fee: \$25 plus some personal expense to be expected.		Fine Arts Credit, Elective Credit	

8060	ART IV – DRAWING III (ART4DRAW)		
11 th - 12 th	Year	1 credit	4.0
Prerequisite(s): B average in Drawing II & art teacher recommendation			
Course Description: Students will use a more rigorous exploration of the elements and principles of design with regards to creative drawing solutions and valid mark making. This course will prepare students for the rigors of the AP studio program. Students will produce a body of work that can be used to supplement an AP studio art design or drawing portfolio by using College Board directed curriculum to address 2-D visual problem solving in drawing, design, color theory and composition. This advanced level course requires self-direction, self-motivation and the ability to produce original work. Honors credit available with contract.			
Fee: \$25 plus some personal expense to be expected.		Fine Arts Credit, Elective Credit	

8020	ART II – PAINTING I (ART2PATG)		
10 th - 12 th	Year	1 credit	4.0
Prerequisite(s): B average in Art 1 & art teacher recommendation			
Course Description: Students will expand their exploration of the elements and principles of design with regards to creative painting solutions. This advanced course requires self-direction, self-motivation and the ability to produce original work. Painting classes are production oriented with a portfolio of work required at end of each semester.			
Fee: \$25		Fine Arts Credit, Elective Credit	

8080	ART III – PAINTING II (ART3PATG)			
11 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): B average in Painting I & art teacher recommendation				
Course Description: Students will use a more rigorous exploration of the elements and principles of design with regards to painting solutions and individual style. This advanced level course requires self-direction, self-motivation and the ability to produce original work. Painting classes are production oriented with a portfolio of work required at end of each semester.				
Fee: \$25 plus some personal expense to be expected.		Fine Arts Credit, Elective Credit		

8024	ART II, SCULPTURE I (ART2SCLP)			
10 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): B average in Art 1 & teacher recommendation				
Course Description: Students will apply the elements and principles of design to traditional and non-traditional construction methods while being exposed to various sculptural media. The student will explore Art History and become familiar with the tools and techniques needed to produce 3-D artwork. Students will be exposed to lecture, individual and group projects in order to help develop a full and enriching sculptural experience. This advanced course requires self-direction, self-motivation and the ability to produce original work.				
Fee: \$25 plus some personal expense to be expected.		Fine Arts/Elective Credit		

8074	AP STUDIO ART 2D DESIGN (AP2DDP)			
11 th - 12 th	Year	1 credit	5.0	
Prerequisite(s): At least 2 years of high school art and art teacher recommendation.				
Course Description: Designed for the more serious art student. Course outline is based on the guidelines stipulated for Advanced Placement portfolio requirements. Emphasis is on the Elements and Principals of Design. At the end of the year, the students are strongly encouraged to submit approximately thirty pieces of art work to the College Board of Testing Center for possible college AP credit.				
Fee: \$35 plus fee for AP submission.		Fine Arts/Elective Credit		

8070	AP STUDIO ART DRAWING (APSTARTD)			
11 th - 12 th	Year	1 credit	5.0	
Prerequisite(s): At least 2 years of high school art and art teacher recommendation.				
Course Description: Designed for the more serious art student. Course outline is based on the guidelines stipulated for Advanced Placement portfolio requirements. Students will use the Elements and Principals of Design to find aesthetically meaningful solutions to drawing problems. At the end of the year, the students are strongly encouraged to submit approximately thirty pieces of art work to the College Board of Testing Center for possible college AP credit.				
Fee: \$35 plus fee for AP submission.		Fine Arts/Elective Credit		

8050	AP HISTORY OF ART (APHISART)			
11 th - 12 th	Year	1 credit	5.0	
Prerequisite(s): Advanced English or Social Studies Course				
Course Description: AP Art History is designed as an equivalent to an introductory college art history survey course. This course involves intensive reading, formal visual analysis and critical thinking. Artistic expression from a variety of human experiences and diverse cultures, past and present, will be examined. Students will consider the social, political and religious contexts which influenced the works of art. This course requires good writing skills and a great commitment to academic course work.				
Fee: \$15 plus fee for AP test		Fine Arts Credit, Elective Credit		

Dance

Courses which can count in two different categories may satisfy the requirements for both but one will receive credit and one will be considered as a waiver/substitution with no additional credit awarded.

5200	DANCE I (DANCE 1)			
9 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): None				
Course Description: This course will provide students with the fundamental skills and knowledge of dance as an art form and lifetime activity. Students will study various forms of dance such as ballet, modern, jazz, tap, hip hop and social dance with an emphasis on the movement, history and choreography of each form. Students are taught creative expression through movement, awareness of space, time and energy as design factors in dance technique and composition. Focus is on development of self-confidence and an appreciation of dance as an art form.				
Fee: \$6 uniform fee		Fine Arts Credit		

5204	DANCE II			
5210	DANCE III			
5214	DANCE IV			
10 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): credit for previous level of Dance is required and teacher recommendation				
Course Description: Continuation of Dance I skills and activities done at a higher level and faster pace. This course requires taking Dance I or having instructor permission to enroll in the upper division. Participants have opportunities to perform, choreograph, compete in the area of dance, and view other dancers of their age group as well as professional dancers.				
Fee: \$6 uniform fee		Fine Arts/Elective Credit		

5220	PRE-DRILL TEAM TRAINING (DANCE 1)			
9 th - 11 th	Year	1 credit	4.0	
Prerequisite(s): none				
Course Description: This class studies various forms of dance such as ballet, modern, jazz, tap, hip hop and social dance with an emphasis on the movement, history and choreography of each form, with an emphasis on skills used on a dance/drill team.				
Fee: \$6 uniform fee		Fine Arts/Elective Credit		

5230	DRILL TEAM/ADVANCED DANCE I (PRINCDANCE I)			
5234	DRILL TEAM/ADVANCED DANCE II (PRINCDANCE II)			
5240	DRILL TEAM/ADVANCED DANCE III (PRINCDANCE III)			
5244	DRILL TEAM/ADVANCED DANCE IV (PRINCDANCE IV)			
9 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): Audition; director approval				
Course Description: Drill team which performs at various athletic competitions, pep rallies, and drill team contests. Participants are responsible for annual costs for camp, costumes, and awards. This course qualifies for a full year credit for Fine Arts and provides a half PE substitution/waiver credit in the fall for the first two years.				
Fee: Approximate fee: \$800 with fundraising opportunities available to cover all fees		Fine Arts/Elective Credit		

8560	COLOR GUARD I (PRINCDANCE I)			
8564	COLOR GUARD II (PRINCDANCE II)			
8570	COLOR GUARD III (PRINCDANCE III)			
8574	COLOR GUARD IV (PRINCDANCE IV)			
9 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): Audition; director approval				
Course Description: Students learn dance concepts, exercises and skills while developing an awareness of teamwork, choreography and performance. This course will focus on movement and manipulation of equipment, as well as Dance TEKS. Students are members of the marching band ensemble unit and may be subject to the requirements that apply to band members including after school and weekend activities. This course qualifies for a full year credit for Fine Arts and provides a half PE substitution/waiver credit in the fall for the first two years.				
Fee: Approx. fee \$300		Fine Arts/Elective Credit		

Theater

8110	THEATER ARTS I (TH1)			
9 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): None				
Course Description: By studying theatre, students will develop a perception of self, human relationships, and the world using elements of drama and conventions of theatre. Theatre allows students to explore not only their own selves, but also characters portrayed in popular dramas. Students will study the historical and cultural aspects of theatre, ranging from traditional Greek Theatre to Modern Day Musicals. There will be an expectation for students to be critical of all types of performances, including their own. Students will leave the course with a thorough knowledge of theatre arts, acting techniques, and its impact on modern society.				
Fee: \$10 supply fee		Fine Arts Credit, Elective Credit		

8120	THEATER ARTS II (TH2)			
8130	THEATER ARTS III (TH3)			
8140	THEATER ARTS IV (TH4)			
10 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): credit for previous level of Theatre Arts is required				
Course Description: Through advanced study of acting techniques, students will: better their perceptions of themselves and other characters, understand the historical and cultural perspectives of theatre and be able to critically and effectively criticize theatre. Students will be expected to act and perform at an advanced level, and students will often times be expected to memorize and examine scripts from many different eras of theatre. Students will leave the course with a better understanding of advanced acting techniques, improvisation and many areas of theatre history and culture. Honors credit is available for Juniors and Seniors in III and IV upon completion of extra work as contracted with the director.				
Fee: \$20 field trip fee		Fine Arts Credit, Elective Credit		

8150	TECHNICAL THEATER I (TH1TECH)			
8160	TECHNICAL THEATER II (TH2TECH)			
8170	TECHNICAL THEATER III (TH3TECH)			
10 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): Theatre Arts I and teacher recommendation; credit for previous level of Tech Theatre is required for Levels II and III				
Course Description: Technical Theater I is a course designed to provide learners with a basic understanding of the aesthetics and practical application of all phases of technical production. This would include the study of all visual aesthetics, the physical theater, scenic design, scenery construction and painting, property construction and design, costuming, lighting, sound engineering, and back stage organization. Level II & III, will include an advanced study of all areas of Technical Theater				
Fee: none		Fine Arts Credit, Elective Credit		

8090	THEATRE PRODUCTION I (TH1PROD)			
8100	THEATRE PRODUCTION II (TH2PROD)			
8180	THEATRE PRODUCTION III (TH3PROD)			
10 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): Theater Arts I, Audition				
Course Description: This course will provide advanced instruction in acting and Theatre production ranging from the Stanford Meisner approach to Stella Adler's Viewpoints. By the end of the course students will be provided with a well rounded theatre education in preparation for collegiate level performing arts. Students will also explore dramaturgical research for each production as well as writing and directing student produced One Acts. This course will require participation in one Theatre production each semester as well as auditioning for the UIL One Act Play.				
Fee: none		Fine Arts Credit, Elective Credit		

8114	MUSICAL THEATRE I (MUSTHEA1)
8124	MUSICAL THEATRE II (MUSTHEA2)
8134	MUSICAL THEATRE III (MUSTHEA3)
8144	MUSICAL THEATRE IV (MUSTHEA4)

9th – 12th Year 1 credit 4.0

Prerequisite(s): None, however, those who are not musically inclined are strongly encouraged to take Theatre I.

Course Description: Musical Theatre class is an exploration of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. Since this is a workshop course, students will prepare material for class presentation and critique. There will also be a focus on the audition process as well as musical theatre history and repertoire. Finally, the class will participate in a culminating showcase performance at the end of the year.

In level II, students will study the social, political, cultural and historical influences of each period to understand the context in which theatre was created.

In level III, they will explore the means by which theatre was produced and practiced including theatre companies, acting styles, design and architecture.

In level IV, students will study the musical theatre literature of each period including a critical analysis of each text.

Fee: \$10

Fine Arts Credit, Elective Credit

Choir

IMPORTANT NOTE: Participation in all choirs is subject to instructor placement determined by audition. Attendance is required at all rehearsals and performances, including UIL events, concerts and community performances. Individual participation in All Region auditions, solo/ensemble events, etc. is encouraged. Supply fees are required. Not all choir courses are offered at all campuses. Course availability is determined by the number of students auditioning for each voice part, or by decisions made by campus leadership.

8240	CHORALE I (Mixed)
8250	CHORALE II (Mixed)
8260	CHORALE III (Mixed)
8270	CHORALE IV (Mixed)

9th – 12th Year 1 credit 4.0

Prerequisite(s): Audition

Course Description: This choir is for the most advanced students, who will refine their vocal technique, music reading and listening skills and musicianship. They will learn music history and literature through performance. Honors credit is available for Juniors and Seniors in levels III and IV upon completion of Honors Choir program as contracted with the director.

Fee: \$50

Fine Arts Credit, Elective Credit

8310	CONCERT TREBLE CHOIR I
8320	CONCERT TREBLE CHOIR II

9th – 12th Year 1 credit 4.0

Prerequisite(s): None

Course Description: Students develop vocal techniques, music reading, ear training and listening skills as well as teamwork and leadership. They will learn music history and literature through performance.

Fee: \$50

Fine Arts Credit, Elective Credit

8330	CONCERT TREBLE CHOIR III
8340	CONCERT TREBLE CHOIR IV

10th – 12th Year 1 credit 4.0

Prerequisite(s): Audition

Course Description: Students in these choirs are experienced vocalists. They further develop vocal techniques, music reading and listening skills and learn music history and literature through performance. Honors credit is available for Juniors and Seniors in levels III and IV upon completion of Honors Choir program as contracted with the director.

Fee: \$50

Fine Arts Credit, Elective Credit

8210	MEN'S CHORUS I
8214	MEN'S CHORUS II
8220	MEN'S CHORUS III
8224	MEN'S CHORUS IV

9th – 12th Year 1 credit 4.0

Prerequisite(s): None

Course Description: Students develop vocal techniques, music reading, ear training and listening skills as well as teamwork and leadership. They will learn music history and literature through performance.

Fee: \$50

Fine Arts Credit, Elective Credit

8350	CHOIR VOCAL ENSEMBLE I
8360	CHOIR VOCAL ENSEMBLE II
8370	CHOIR VOCAL ENSEMBLE III
8380	CHOIR VOCAL ENSEMBLE IV

9th – 12th Year 1 credit 4.0

Prerequisite(s): Audition

Course Description: These advanced students study a variety of vocal styles, primarily contemporary acappella literature. Students develop and refine individual vocal skills. Students must concurrently be enrolled in Concert Treble III, IV or Chorale.

Fee: \$50

Fine Arts Credit, Elective Credit

Orchestra

8710	Orchestra I
8720	Orchestra II
8730	Orchestra III
8740	Orchestra IV

9th - 12th Year 1 credit 4.0

Prerequisite(s): Participation in all orchestras is subject to instructor placement, and determined by audition and past performance.

Course Description: Students will study music history and literature through performance. Rehearsals and performances outside of school are considered co-curricular, are required, and affect the students' grades. The school will provide cellos, and string basses for school use, but every student is required to own or rent their own instrument and accessories. Honors credit may be obtained for Orchestra III and IV by audition for Region, participation in Solo/Ensemble and possible Programmed Theory Course.

Concert Orchestra: Students focus on refining string instrument techniques, music reading, and listening skills.

JV Orchestra: Experienced students further refine their technique, music reading and listening skills.

Varsity Orchestra: Students with superior musical abilities further refine their technique, listening skills, creativity and discrimination.

Fee: Students will be assessed a \$125.00 fee Fine Arts
which will go to instrument maintenance and repair. Credit, Elective
There is fundraising available to cover this fee. Credit

Band

Courses which can count in two different categories may satisfy the requirements for both but one will receive credit and one will be considered as a waiver and no additional credit awarded.

8450	BAND I (MUS1BAND)
8460	BAND II (MUS2BAND)
8470	BAND III (MUS3BAND)
8480	BAND IV (MUS4BAND)

1 credit 9th - 12th Year 4.0

Prerequisite(s): Must complete the previous level before advancing to the next level.

Course Description: Opportunities to gain knowledge in instrumental technique, music theory, music history, critical listening, creative listening, self-discipline, and citizenship through a variety of performance settings (i.e. marching band, concert band, small ensembles, and solo performance). During fall semester, students will participate in the Marching Band. The Marching Band performs at varsity football games, pep rallies, marching contests, and parades. During marching season, the band will practice outside of regular school hours. Practices are limited by U.I.L. to no more than eight hours per week. After marching season, the marching band will be divided into various concert bands by audition (i.e. Concert Band, Symphonic Band, Wind Symphony, etc.). After school rehearsals and/or sectionals may continue throughout the concert season (still limited by U.I.L. to no more than eight hours). Student attendance is required for all performances and rehearsals. Summer marching band practice is also required. Honors credit is available for juniors and seniors for completion of extra work as contracted with the director. An instrument usage fee will be charged for the use of school owned instruments.

Fee: There will be a band assessment fee that will cover various band expenses. Each student is required to maintain their personal instrument and supply all necessary items for its function. Fine Arts Credit, Elective Credit

8610	JAZZ ENSEMBLE I (MUS1JZBN)
8620	JAZZ ENSEMBLE II (MUS2JZBN)
8630	JAZZ ENSEMBLE III (MUS3JZBN)
8640	JAZZ ENSEMBLE IV (MUS4JZBN)

9th - 12th Year 1 credit 4.0

Prerequisite(s): Audition

Course Description: Emphasis on the theory of music, improvisation, styles and techniques of jazz and small ensemble sound. Performances in jazz festivals, school musicals, and other events by invitation. Students are required to attend all competitions, performances, and outside rehearsals. Membership is by audition and depends upon specific instrumentation needs. Wind players must be enrolled in band; rhythm section players (guitar, bass, piano, and drum set) must be enrolled in band, choir, or orchestra (If there are no qualified rhythm section candidates in the parent organizations, the director may elect to open auditions to other students). Honors credit is available for juniors and seniors for completion of extra work as contracted with the director.

Fee: A fee may be required. Each student is required to maintain their personal instrument and supply all necessary items for its function. Fine Arts Credit, Elective Credit

8700	AP MUSIC THEORY (APMUSTHY)
11 th -12 th	Year 1 credit 5.0

Prerequisite(s): At least one year of high school Band, Orchestra or Choir or teacher approval.

Course Description: Music Theory is the rigorous study of the fundamental components of music. It explores the language and notation of music through deep understandings of melody and harmony. This study will be accomplished through musical notation, ear-training, composition and analytical writing. Students may elect to take the AP Music Theory exam at the end of the year, which may garner college credit. Student must be concurrently enrolled in band, orchestra or choir.

Fee: Students will be required to purchase the workbook for the class; plus fee for optional AP test Fine Arts/Elective Credit

HEALTH/PHYS ED COURSE DESCRIPTIONS

Physical Education (and equivalents)

*Activity PE classes (numbers 5061-5192) can only be taken one semester and cannot be repeated.

** Activity PE classes (numbers 5061-5192) have a \$6 uniform fee which will be collected in August and/or January.

Individual and Team Sports

5051 – Fall 5052 – Spr	INDIVIDUAL SPORTS (PEITS)			
9 th - 12 th	Sem	0.5 credit	4.0	

Prerequisite(s): none

Course Description: Students in Individual Sports are expected to participate in a wide range of individual sports that can be pursued for a lifetime. Individual sports include but are not limited to Golf, Archery, Tennis, Badminton, etc.

Fee: \$6 uniform fee ** PE Credit, Elective Credit

5081 – Fall 5082 – Spr	BOOT CAMP (PEITS)			
9 th - 12 th	Sem	0.5 credit	4.0	

Prerequisite(s): none

Course Description: This class is designed for those students who would like to push themselves physically. This is an individual sport in a team format. Students will chart their improvements throughout the semester with regard to their flexibility, speed, muscular strength and endurance and overall fitness. This is for students who want to work hard, are motivated and willing to challenge themselves. Activities will include speed workouts, strength and conditioning workouts, distance runs, plyometrics and a variety of fitness activities.

Fee: \$6 uniform fee ** PE Credit, Elective Credit

5131F - Fall 5132F - Spr	GIRLS BODY SCULPTING (PEITS)			
9 th - 12 th	Sem	0.5 credit	4.0	

Prerequisite(s): Girls only!

Course Description: Bodybuilding through weight training, conditioning, and nutrition concepts that contribute to total fitness for life.

Fee: \$6 uniform fee ** PE Credit, Elective Credit

5131M-Fall 5132M - Spr	BOYS WEIGHT TRAINING (PEITS)			
9 th - 12 th	Sem	0.5 credit	4.0	

Prerequisite(s): Boys only!

Course Description: Weight training is a common type of strength training for developing the strength and size of skeletal muscles. It uses the force of gravity (in the form of weighted bars, dumbbells or weight stacks) to oppose the force generated by muscle through concentric or eccentric contraction. A variety of specialized lifts are used to target specific muscle groups and types of movement. Students will lift weights 4 out of 5 days.

Fee: \$6 uniform fee ** PE Credit, Elective Credit

5191-Fall 5192-Spr	KICKBALL, BASEBALL AND DODGEBALL (PEITS)			
9 th - 12 th	Sem	0.5 credit	4.0	

Prerequisite(s): none

Course Description: Participants will be introduced to the history, rules and fundamentals of the games. The class will work on the development of throwing, hitting, fielding, kicking and catching. All the positions, areas of hitting and aspects of the games will be covered. Students will also be exposed to strength training and conditioning.

Fee: \$6 uniform fee ** PE Credit, Elective Credit

5121-Fall 5122-Spr	RECREATIONAL SOCCER, FLAG FOOTBALL AND BASKETBALL (PEITS)			
9 th - 12 th	Sem	0.5 credit	4.0	

Prerequisite(s): none

Course Description: Students will participate in lifetime activities within a competitive intramural and fitness class format. Students will become proficient in the skills required for each sport and will actively engage in drills, performance and competition with each sport.

Fee: \$6 uniform fee ** PE Credit, Elective Credit

5061 – Fall 5062 – Spr	OUTDOOR EDUCATION (PEAOA)			
9 th - 12 th	Sem	0.5 credit	4.0	

Prerequisite(s): none

Course Description: Students are expected to develop competency in outdoor activities that promote a physically active lifestyle and respect for the environment that can be enjoyed for a lifetime.

Activities will include angling, archery, camping and orienteering/gps.
Fee: \$6 uniform fee ** PE Credit, Elective Credit

Cheerleading

Fall	Spr			
5251	5252	1 ST YEAR (SUBCHLDG fall only, 0.5 credit)		
5255	5256	2 ND YEAR (SUBCHLDG fall only, 0.5 credit)		
5261	5262	3 RD YEAR (DANCE1, 1 credit)		
5265	5266	4 TH YEAR (PEAA fall only, 0.5 credit)		
9 th - 12 th	Year	(see below)	4.0	

Prerequisite(s): See try-out information

Course Description: Cheerleaders are selected 100% by outside judges. They perform at various sports events and are a spirit squad. All applicants must have an 80 average for the first semester and must have UIL grade eligibility at the time of try-outs.

Approximate fee of \$650. Fundraising opportunities available to cover all fees. (Credits will be discussed at cheer tryout meeting.)

Aerobic Activities

5111-Fall 5112-Spr	STEP, PILATES, BODY PUMP (PEAA)			
9 th - 12 th	Sem	0.5 credit	4.0	
Prerequisite(s): none				
Course Description: This class provides a serious workout for those who would like to get in better shape. Benefits include toning for the muscles, increased cardiovascular fitness and increased flexibility. Class activities include step routines, basic pilates and weight training. This class promotes total body fitness and fun while you are getting there!				
Fee: \$6 uniform fee **		PE Credit, Elective Credit		

5151-Fall 5152-Spr	AEROBIC WALKING (PEAA)			
9 th - 12 th	Sem	0.5 credit	4.0	
Prerequisite(s): none				
Course Description: This class promotes the #1 lifetime activity of people in the U.S. Students will learn how to improve their walking style for fitness and how to race walk. Students begin walking a mile and gradually progress up to 3 miles throughout the semester. Expect to walk every day with a variety of walking routes around the school. Track work will also be utilized to increase performance.				
Fee: \$6 uniform fee **		PE Credit, Elective Credit		

Health Education / Sports Medicine

5013 Fall or Spring	HEALTH (HLTHED)			
9 th - 12 th	Sem	0.5 credit	4.0	
Prerequisite(s): None				
Course Description: This class emphasizes the decision making process in dealing with the changes, choices and challenges involved in becoming a totally healthy, mature young adult. Topics include growth and development, nutrition, fitness, mental health, emotional health, drug misuse, environmental health, communicable diseases, non-communicable diseases, the life cycle, family life, emergency first aid, and cardiopulmonary resuscitation.				
Fee: none		Elective Credit		

5270	SPORTS MEDICINE I (Sportmd1)			
9 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): None				
Course Description: Provides an opportunity for the study and application of the components of sports medicine including , but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities and therapeutic exercise.				
Fee: none		Elective Credit		

5290	SPORTS MEDICINE II (Sportmd2)			
10 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): Sports Med I, Application, interview admission only				
Course Description: This course is designed for athletic training students. It provides an in-depth study and application of the components of sports medicine including but not limited to: Basic rehabilitative techniques; therapeutic modalities, wound care, taping and bandaging techniques, prevention, recognition and care of musculoskeletal injuries, injuries to young athletes, drugs in sports, modern issues in sports medicine. Individualized and independent assignments will be included in this course. Outside of class time homework and time working with athletes and athletic teams after school will be required.				
Fee: none		Elective Credit		

5284	ATHLETIC TRAINER 10 TH GRADE (SUBATH2)			
5180	ATHLETIC TRAINER 11 TH GRADE (SUBATH3)			
5184	ATHLETIC TRAINER 12 TH GRADE (SUBATH4)			
10 th - 12 th	Year	1 credit	4.0	
Prerequisite(s): Sports Medicine I, Application, interview admission only				
Course Description: Prepares students in science of injury prevention, treatment, and rehabilitation related to sports management. Opportunities to learn and improve concepts, skills and techniques necessary to be a student athletic trainer. Classroom instruction and lab sessions. Practicum experiences with various athletic programs- after school hours required.				
Fee: none		PE Credit / Elective Credit		

COMPETITIVE ATHLETICS

Four credits can be earned in competitive athletics. Juniors and seniors may take athletics as a non-credit class. Competitive Athletic programs are a privilege. Students may be released at coaches' discretion. If a student is cut from a sport, the parent will be contacted by the coach.

Course name		Course # 9 th grade	Course # 10 th grade	Course # 11 th grade	Course # 12 th grade	Course Description / Special Instructions
Girls Volleyball	Fall	5411V	5401	5391	5395	Mandatory practice before school starting in August.
	Spr	5412V	5402	5392	5396	
Boys Football	Fall	5511	5521	5531	5535	Mandatory practice before school starting in August.
	Spr	5512	5522	5532	5536	
Girls Cross Country	Fall	5441	5371	5381	5385	Mandatory practice starting in July.
	Spr	5442	5372	5382	5386	
Boys Cross Country	Fall	5451	5471	5481	5485	Mandatory practice starting in July.
	Spr	5452	5472	5482	5486	
Girls Track	Fall	5461	5431	5361	5365	
	Spr	5462	5432	5362	5366	
Boys Track	Fall	5601	5631	5561	5565	
	Spr	5602	5632	5562	5566	
Girls Golf	Fall	5741	5745	5751	5755	
	Spr	5742	5746	5752	5756	
Boys Golf	Fall	5711	5715	5851	5855	Spring Tryouts required
	Spr	5712	5716	5852	5856	
Tennis	Fall	5551	5651	5661	5665	Expected to compete in USTA tournaments. Practice will begin one week before school starts.
	Spr	5552	5652	5662	5666	
Swimming	Fall	5761	5771	5821	5825	** AMCHS only **
	Spr	5762	5772	5822	5826	
Girls Basketball	Fall	5411B	5421	5491	5495	Must be able to participate both semesters. Mandatory practice after school starting in October.
	Spr	5412B	5422	5492	5496	
Boys Basketball	Fall	5611	5621	5591	5595	Athletes must be able to practice before school starting in October
	Spr	5612	5622	5592	5596	
Girls Soccer	Fall	5341	5681	5841	5845	Try-outs in November
	Spr	5342	5682	5842	5846	
Boys Soccer	Fall	5331	5671	5831	5835	
	Spr	5332	5672	5832	5836	
Wrestling	Fall	5781	5791	5811	5815	
	Spr	5782	5792	5812	5816	
Gymnastics	Fall	5301	5311	5321	5325	To participate on the team, a student must be enrolled at a private club with a minimum of 6 hours workout time per week. Student is responsible for payment of lessons and transportation.
	Spr	5302	5312	5322	5326	
Girls Softball	Fall	5411S	5721	5731	5735	
	Spr	5412S	5722	5732	5736	
Boys Baseball	Fall	5691	5701	5641	5645	
	Spr	5692	5702	5642	5646	
(SUBATH1) (SUBATH2) (SUBATH3) (SUBATH4)						



AGRICULTURE, FOOD & NATURAL RESOURCES CLUSTER

INTRO CLASSES

**LEADERSHIP IN
AGRICULTURE**

9th - 12th
1/2 Credit

**INTRODUCTION TO
AGRICULTURE SCIENCE**

9th - 11th
1 Credit

P A T H W A Y S

PLANT SCIENCE

HORTICULTURE SCIENCE

10th - 12th
1/2 Credit



**LANDSCAPE
DESIGN & MANAGEMENT**

10th - 12th
1/2 Credit

**PRINCIPLES & ELEMENTS
OF FLORAL DESIGN**

10th - 12th
1 Credit

AG MECHANICS

See Prerequisites

**AG MECHANICS & METAL
FABRICATION**

10th - 12th
1 Credit



ADVANCED AG MECHANICS

11th - 12th
2 Credits



**PRACTICUM IN AG
MECHANICS**

12th
2 Credits

NATURAL RESOURCES

**WILDLIFE, FISHERIES &
ECOLOGY MANAGEMENT**

10th - 12th
1 Credit

**ENERGY & NATURAL
RESOURCES TECHNOLOGY**

10th - 12th
1/2 Credit

**RANGE ECOLOGY
MANAGEMENT**

10th - 12th
1/2 Credit

**FORESTRY & WOODLAND
ECOSYSTEMS**

10th - 12th
1/2 Credit

ANIMAL SCIENCE

See Prerequisites

LIVESTOCK PRODUCTION

10th - 12th
1 Credit



EQUINE SCIENCE

10th - 12th
1/2 Credit

OR

**SMALL ANIMAL
MANAGEMENT**

10th - 12th
1/2 Credit



**VETERINARY MEDICAL
APPLICATION**

11th - 12th
1 Credit

FOOD SCIENCE

See Prerequisites

**FOOD TECHNOLOGY
& SAFETY**

10th - 12th
1 Credit



FOOD PROCESSING

11TH - 12th
2 Credits



**PROBLEMS & SOLUTIONS
IN AGRICULTURAL SCIENCE I & II
REGULAR & HONORS**

11th - 12th
1/2 - 1 Credit

**CAREER PREPARATION IN
AGRICULTURE I & II**

11th - 12th
3 Credits

CAP STONE

AVAILABLE AT EITHER CAMPUS

AVAILABLE ONLY AT AMCHS

AVAILABLE ONLY AT CSHS

REQUIRED PREREQUISITE COURSES

BUSINESS & INDUSTRY ENDORSEMENT

AGRICULTURE, FOOD & NATURAL RESOURCES CLUSTER

*Enrollment in an Ag class for at least one semester is required for participation on FFA competition teams.

6000	INTRODUCTION TO AGRICULTURE SCIENCE (PRINAFNR)			
9-11	Year	1 credit	4.0	

Prerequisite(s): None

Course Description: Ever wondered where the shoes on your feet come from? How about the food on your table? Take this class to learn about the diversity of agriculture in our world. The class will help students expand their leadership and communication skills while furthering knowledge of the effects of agriculture on our world. The class will focus on the elements of the FFA, and a basic study of soils, plants, and various livestock species. Come learn why agriculture is more than just farming.

Fee: none

Elective/CTE Credit

6023	LEADERSHIP IN AGRICULTURE (PROSAFNR)			
9-12	Sem	½	4.0	

Prerequisite(s): None

Course Description: Want to impact the world like JFK, FDR or MLK? Students in this course will develop skills in various areas of leadership including the Seven Habits®, time management, communication, public speaking, and teamwork. The course will focus on hands-on activities, a semester-long leadership action project and improving communication skills.

Fee: none

Speech Credit / Elective/CTE Credit

6003	HORTICULTURE SCIENCE (HORTISCI)			
10-12	Sem	½	4.0	

Prerequisite(s): None

Course Description: Turn over a new leaf in high school. Plant a seed and watch it grow in plant science. You will learn about soil management and proper planting techniques. Knowledge will also be gained in plant reproduction and maintenance of a greenhouse as well as exploring the floral and landscaping industry.

Fee: none

Elective/CTE Credit

6013	LANDSCAPE DESIGN & MANAGEMENT (LNDTGMGT)			
10-12	Sem	½	4.0	

Prerequisite(s): Horticulture strongly recommended

Course Description: Money doesn't grow on trees, but take this class and learn how to increase the property value of your house. Students will have the opportunity to learn basic design techniques both by hand and computer aided design. Time will also be spent learning how to properly maintain and manage a landscape business.

Fee: none

Elective/CTE Credit

6020	PRINCIPLES & ELEMENTS OF FLORAL DESIGN (PEFLDSN)			
10-12	Year	1	4.0	

Prerequisite(s): None

Course Description: Stop and smell the roses or impress your girlfriend or mom. Students who successfully complete this class will construct cost effective geometric designs, corsages and homecoming mums. Special occasion designs and business management practices are an integral part of the course which will prepare students for a career in the floral industry. Students will be able to keep their designs at the end of the unit as well as have the opportunity to obtain certification through the Texas State Floral Association. Students will cover the cost of the certification which is approximately \$100 or students may apply for a scholarship.

Fee: \$45; Financial aid available

Fine Arts / Elective/CTE Credit

6070	AGRICULTURAL MECHANICS & METAL FABRICATION (AGMECHMT)			
10-12	Year	1	4.0	

Prerequisite(s): None

Course Description: Do you like working in a hands-on environment? This class may be the right choice for you. Students will actively learn how to properly use tools to work with a variety of materials including concrete, electricity, plumbing and basic carpentry. Proper safety is also an integral part in learning how to weld using Oxy-Fuel, Arc, and MIG techniques. You can be sure the Agriculture Mechanics & Metal Fabrication class will strike an interest in you and lay a foundation of useful skills for the future.

Fee: none

Elective/CTE Credit

6080	ADVANCED AG MECHANICS (AGDFDAB)			
11-12	Year (2 per. block)	2	4.0	

Prerequisite(s): Agricultural Mechanics & Metal Fabrication; Admission committee review*

Course Description: Do you want to further your Ag Mech experience? Students who successfully complete Advanced Ag Mechanics will develop the skills necessary to design agricultural structures, utilize and diagnose power systems, use welding technology effectively, and construct metal projects. Instruction will also emphasize job opportunities in these areas.

Fee: none

Elective/CTE Credit

6084	PRACTICUM IN AG MECHANICS (PRACAFNR)			
12	Year (2 per. block)	2	4.0	

Prerequisite(s): Advanced Agricultural Mechanics; Admission committee review*

Course Description: Students with a genuine career interest in ag mechanics will enjoy this advanced course. Instruction will focus on managing large projects and working with others in a laboratory setting.

Fee: none

Elective/CTE Credit

6030	WILDLIFE, FISHERIES & ECOLOGY MANAGEMENT (WFECGT)			
10-12	Year	1	4.0	
Prerequisite(s): None				
Course Description: Discover the beauty of Texas through Wildlife, Fisheries & Ecology Management. Develop knowledge about managing wildlife populations and how species interact with one another. Basic ecological concepts will be studied and applied outside of the classroom. Additionally a hunter safety certificate can be earned through this hands-on course.				
Fee: none		Elective/CTE Credit		

6033	ENERGY & NATURAL RESOURCES TECHNOLOGY (ENGRT)			
10-12	Sem	½	4.0	
Prerequisite(s): None				
Course Description: Don't mess with Texas! Take this course to develop knowledge about the natural resources in your world. Students will have the opportunity to discuss the impacts of energy production on the economy as well as the policies at the local, state, and national levels that affect production. Other studies will include in-depth looks at air, water, and soil use.				
Fee: none		Elective/CTE Credit		

6073	RANGE ECOLOGY AND MANAGEMENT (RECOMGT)			
10-12	Sem	½	4.0	
Prerequisite(s): None				
Course Description: Have you ever wondered what type of plant that is growing in the field? Wondered how deer and other wildlife survive and maintain themselves? This course takes a look at how the rangeland ecosystem works and how forages are sustained for wildlife and the systems involved. This course will familiarize the student with the management and ecological aspects of rangelands. Students study and develop technical skills in renewable natural resources, range plants, ecosystems, water cycle, range conditions, carrying capacities, livestock management, wildlife management, and research.				
Fee: none		Elective/CTE Credit		

6083	FORESTRY AND WOODLAND ECOSYSTEMS (FWECO)			
10-12	Sem	½	4.0	
Prerequisite(s): None				
Course Description: Forest fires destroy homes and cost millions of dollars, so what happens after the fire? This course is designed to provide a study of the forestry and wood technology industries. Instruction includes a historical perspective of the industries as a benchmark for the development of technical skills in the areas of dendrology, biometrics, forest management, forest utilization and wood product technology, and research and development in the forestry and wood industry.				
Fee: none		Elective/CTE Credit		

6064	FOOD TECHNOLOGY & SAFETY (FOODTS)			
10-12	Year	1	4.0	
Prerequisite(s): None				
Course Description: From the farm gate to your plate, learn how the food you eat starts from a raw product and transforms into a product in your grocery basket. In this class you will develop knowledge about the food industry by examining the production of food, food safety and handling practices and the use of marketing techniques. Students will have the opportunity to make beef jerky, prepare ice cream and can food items, just to name a few of the products that will be made in class.				
Fee: none		Elective/CTE Credit		

6060	FOOD PROCESSING (FOODPRO)			
11-12	Year (2 per. block)	2	4.0	
Prerequisite(s): Food Technology & Safety or Culinary 1				
Course Description: Beef, it's what's for dinner! Students who enroll in Food Processing will have hands-on experience in processing the value of carcasses and wholesale cuts into retail products -- including red meats, wild game, poultry, and fish. Quality control and marketing practices will be conducted in an entrepreneurial environment. Students will gain ServSafe knowledge and practices.				
Fee: \$40; financial aid available		Elective/CTE Credit		

6040	LIVESTOCK PRODUCTION (LIVEPROD)			
10-12	Year	1	4.0	
Prerequisite(s): None				
Course Description: Go hog wild! Enroll in Livestock Production and learn about the impact livestock production has on the U.S. Students will have the opportunity to learn about careers in the livestock industry, livestock management, nutrition, genetics, reproduction, and common diseases and pests of cattle, swine, lambs, goats and poultry.				
Fee: none		Elective/CTE Credit		

6043	EQUINE SCIENCE (EQUINSCI)			
10-12	Sem	½	4.0	
Prerequisite(s): None				
Course Description: Saddle up! Hang on tight and develop knowledge about the importance of the equine industry in Texas and the U.S. Students will study selection, nutrition, reproduction, handling, and management to prepare for a career in the horse industry. Horseplay allowed!				
Fee: none		Elective/CTE Credit		

6053	SMALL ANIMAL MANAGEMENT (SMANIMGT)			
10-12	Sem	½	4.0	
Prerequisite(s): None				
Course Description: Small animals are special creatures, whether you are a cat person, a reptile lover or you prefer pocket pets, you will experience it all. Students will attain knowledge and skills related to animal identification, animal behavior, anatomy, and the care and management of animals ranging from small mammals such as dogs and cats to amphibians and reptiles.				
Fee: none		Elective/CTE Credit		

6050 VETERINARY MEDICAL APPLICATIONS (VETMEDAP)

11-12 Year 1 4.0

Prerequisite(s): Livestock Production AND either Equine Sci. OR Small Animal Management

Course Description: Did you know that Calico cats are almost always female? However, one in 3000 calico cats is male. Did you know that a newborn kangaroo is about 1 inch in length. This class will teach you the necessary skills needed for an entry level career in veterinary medicine. This course provides many hands-on learning experiences with small and large animals that include surgery techniques, office management, ethics, clinical exams and hospital care. Instruction is enhanced through field trips, guest speakers, and demonstrations. Students will also have the option to obtain certification through the Texas Veterinary Medical Association pending the completion of certification requirements. The cost of the exam, \$125, will be covered by the student or may apply for financial aid.

Fee: none

Elective/CTE Credit

see pg 72 PROBLEMS AND SOLUTIONS IN AGRICULTURAL SCIENCE

11-12 Sem / Year ½ -1 4.0/5.0

Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects.**Course Description:** See Problems and Solutions course description in the Capstone and Advanced Practice section.

Honors credit may be considered depending on project

Fee: none

Elective/CTE Credit

see pg 72 CAREER PREPARATION I & II IN AGRICULTURAL SCIENCE

11-12 Year 3 4.0

Prerequisite(s): Transportation and approved employment**Course Description:** See Career Preparation I & II course descriptions in the Capstone and Advanced Practice section.

Fee: none

Elective/CTE Credit

*NOTE: In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.



ARCHITECTURE & CONSTRUCTION CLUSTER

INTRO CLASSES

**PRINCIPLES OF ARCHITECTURE
& CONSTRUCTION**

9th - 12th
1/2 Credit

P A T H W A Y S

ARCHITECTURE

See Prerequisites

INTERIOR DESIGN

10th - 12th
1 Credit

ARCHITECTURAL DESIGN

10th - 12th
1 Credit

**ADVANCED
ARCHITECTURAL DESIGN**

11th - 12th
2 Credits

**PRACTICUM IN
ARCHITECTURAL DESIGN**

12th
2 Credits

CONSTRUCTION

See Prerequisites

BUILDING TECHNOLOGY

10th - 12th
1 Credit

**ADVANCED BUILDING
TECHNOLOGY**

11th - 12th
2 Credits

**PRACTICUM IN
CONSTRUCTION**

12th
2 Credits

**PROBLEMS & SOLUTIONS IN
ARCHITECTURE & CONSTRUCTION I & II
REGULAR & HONORS**

11th - 12th
1/2 - 1 Credit

**CAREER PREPARATION IN
ARCHITECTURE & CONSTRUCTION I & II**

11th - 12th
3 Credits

CAP STONE

■ AVAILABLE AT EITHER CAMPUS

■ AVAILABLE ONLY AT AMCHS

■ AVAILABLE ONLY AT CSHS

→ REQUIRED PREREQUISITE COURSES

BUSINESS & INDUSTRY ENDORSEMENT

ARCHITECTURE & CONSTRUCTION CLUSTER

6753 PRINCIPLES OF ARCHITECTURE & CONSTRUCTION (PRINARCH)

9-12 Sem 0.5 4.0

Prerequisite(s): None

Course Description: This course is designed to introduce students to the skills and technologies used in Architecture, Interior Design, and Construction. It includes training in the safe use of both hand and power tools. Career and job opportunities are also explored.

Fee: none Elective/CTE Credit

6240 INTERIOR DESIGN (INTERDSN)

10-12 Year 1 4.0

Prerequisite(s): None

Course Description: The fall semester will focus on housing needs, career opportunities, the elements of design, and designing a room, including background materials, furniture and accessories. The spring semester will offer the principles of design, construction of housing, and designing floor plans (by hand and by CAD.) Both semesters include creative projects and field trip opportunities. Project supplies will be required.

Fee: Supply cost of \$30; financial aid available Elective/CTE Credit

6780 ARCHITECTURAL DESIGN (ARCHDSN)

10-12 Year 1 4.0

Prerequisite(s): Algebra I, Geometry, and Principles of Architecture and Construction recommended

Course Description: This course is designed to provide students with the knowledge and skills needed to enter a career in architecture and construction or prepare a foundation towards a secondary degree in architecture, construction science, drafting, interior design, and landscaping. It includes the basics of design, design history, techniques and tools related to the production of drawings, renderings, and model construction for architectural purposes.

Fee: none Elective/CTE Credit

6784 ADVANCED ARCHITECTURAL DESIGN (ADVARCH)

11-12 Year (2 per. block) 2 4.0

Prerequisite(s): Architectural Design

Course Description: Students in Advanced Architectural Design will gain skills specific to those needed to enter a career or prepare a foundation toward a postsecondary degree in architecture, drafting, interior design, and landscape architecture. This class includes the knowledge of design, design history, techniques and will utilize current industry tools to create drawings and renderings for commercial and residential purposes.

Fee: none Elective/CTE Credit

6764 PRACTICUM IN ARCHITECTURAL DESIGN (PRACADSN)

12 Year (2 per. block) 2 4.0

Prerequisite(s): Advanced Architectural Design; *Students in work based job or internships will be required to provide their own transportation.*

Course Description: This course is designed to provide students with on-the-job training experiences and will include safety and career opportunities in addition to work ethics and job-related studies.

Fee: none Elective/CTE Credit

6750 BUILDING TECHNOLOGY (BUILDMAN)

10-12 Year 1 4.0

Prerequisite(s): Principles of Architecture and Construction recommended

Course Description: Want to prepare yourself for a career in construction management? Students in Building Technology will gain hands-on knowledge in plumbing, electrical, and heating, ventilation, and air conditioning (HVAC) systems as well as methods for repairing and installing drywall, roofing, and insulation systems. Safety will be the primary focus as students learn to work together in these diverse conditions.

Fee: none Elective/CTE Credit

6754 ADVANCED BUILDING TECHNOLOGY (ADBUILD)

11-12 Year (2 per. block) 2 4.0

Prerequisite(s): Building Technology, Admission Committee Review*

Course Description: Students interested in supervisory roles and postsecondary degrees in construction management will want to pursue this course to learn skills in Occupational Safety and Health Administration (OSHA) standards, safety devices in electrical circuits, maintenance of electrical and heating, ventilation, and air conditioning (HVAC) systems, and concepts of historic preservation.

Fee: none Elective/CTE Credit

6774 PRACTICUM IN CONSTRUCTION (PRACCONS)

12 Year (2 per. block) 2 4.0

Prerequisite(s): Advanced Building Technology, Admission Committee Review*; *Students in work based job or internships will be required to provide their own transportation.*

Course Description: This course is designed to provide students with on-the-job training experiences and will include safety and career opportunities in addition to work ethics and job-related studies.

Fee: none Elective/CTE Credit

see pg 72 PROBLEMS AND SOLUTIONS IN ARCHITECTURE & CONSTRUCTION

11-12 Sem / Year 0.5-1 4.0/5.0

Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects.

Course Description: See Problems and Solutions course description in the Capstone and Advance Practice section.

Honors credit may be considered depending on project
Fee: none Elective/CTE Credit

see pg 72 CAREER PREPARATION I & II IN ARCHITECTURE & CONSTRUCTION

11-12 Year 3 4.0

Prerequisite(s): Transportation and approved employment

Course Description: See Career Preparation I & II course descriptions in the Capstone and Advance Practice section.

Fee: none Elective/CTE Credit

*NOTE: In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.



ARTS, AUDIO-VISUAL & COMMUNICATIONS CLUSTER

INTRO CLASSES	DIGITAL & INTERACTIVE MULTIMEDIA (INFORMATION TECHNOLOGY CLUSTER) 9th - 11th 1/2 Credit	GRAPHIC DESIGN & ILLUSTRATION 9th - 12th 1 Credit
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PATHWAYS

AUDIO-VIDEO See Prerequisites AUDIO-VIDEO PRODUCTION 10th - 12th 2 Credits ADVANCED AUDIO-VIDEO PRODUCTION - HONORS 11th - 12th 2 Credits PRACTICUM IN AUDIO-VIDEO PRODUCTION - HONORS 12th 2 Credits	ANIMATION See Prerequisites ANIMATION I 10th - 12th 1 Credit ANIMATION II - HONORS 11th - 12th 2 Credits	DESIGN FASHION DESIGN 10th - 12th 1 Credit ASSOCIATED COURSES: • INTERIOR DESIGN (ARCHITECTURE & CONSTRUCTION CLUSTER) • WEBPAGE DESIGN (INFORMATION TECHNOLOGY CLUSTER)
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PROBLEMS & SOLUTIONS IN ARTS, AV & COMMUNICATIONS I & II REGULAR & HONORS 11th - 12th 1/2 - 1 Credit	CAREER PREPARATION IN ARTS, AV & COMMUNICATIONS I & II 11th - 12th 3 Credits	CAPSTONE
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BUSINESS & INDUSTRY ENDORSEMENT

ARTS, A/V TECHNOLOGY, & COMMUNICATION CLUSTER

6410	GRAPHIC DESIGN & ILLUSTRATION (GRAPHDI)			
9-12	Year	1	4.0	

Prerequisite(s): None

Course Description: Magazines, Digital Photography, Advertising, The Internet – Graphic Design is the foundation for media outlets worldwide. Graphic Design and Illustration will teach students the fundamental software tools and design elements used in this industry. From digital enhancements to vector graphics, prepare yourself to create a wide variety of design projects that will lead to a solid foundation in the world of graphics and advertising design.

**Dual Credit / LAC (see page 8-9).*

Fee: none Elective/CTE Credit

6364	VIDEO GAME DESIGN (VIDEOGD)			
10 th -12 th	Year	1 credit	4.0	

Prerequisite(s): Algebra 1 and Principles of Info Tech, Programming 1 or Graphic Design recommended

Course Description: Do you love video games? If you do, you've probably spent endless hours in the fantasy worlds and the strange dimensions of games, but have you thought of creating them? In this class, you move from the player to the creator. Artists use their tools to create wild worlds and daring heroes. Developers use programming languages to power the action, and the designers craft the stories and structure that brings it all together. This class challenges students to create a number of computer and mobile based application as they learn concepts such as storyboarding, programming, event scripting, visual and audio design, level design and troubleshooting. Upon completion of the course the student will have cooperatively created a complete computer game that is presented to an evaluation panel of their peers.

Fee: none Elective/CTE Credit

6230	FASHION DESIGN (FASHDSN)			
10-12	Year	1	4.0	

Prerequisite(s): None

Course Description: Careers in Fashion span all aspects of the apparel and textile industries. Fashion Design is a laboratory class that will allow you to develop knowledge of the industry and apply this knowledge while learning and developing apparel design and strong construction skills. Students must provide sewing supplies as well as pattern/material for construction projects.

Fee: \$30-40; financial aid available Elective/CTE Credit

6240	INTERIOR DESIGN (INTERDSN)			
10-12	Year	1	4.0	

Prerequisite(s): None

Course Description: See Interior Design course description in the Architecture and Construction section.

Fee: Supply cost of \$30; financial aid available Elective/CTE Credit

6313	DIGITAL AND INTERACTIVE MULTIMEDIA (DIMEDIA)			
9-11	Sem	½	4.0	

Prerequisite(s): None

Course Description: See Digital and Interactive Multimedia course description in the Information Technology section.

Fee: none Elective/CTE Credit

6440	AUDIO/VIDEO PRODUCTION (AVPROD)			
10-12	Year (2 per. block)	2	4.0	

Prerequisite(s): Digital & Interactive Multimedia, Admission committee review*

Course Description: Lights, camera, action! Audio/Video Production focuses on the world of media, television, and video production. Students will produce an entire series of news casts featuring videos, TV anchors, and news stories. Students have access to professional video equipment, digital editing software, and special effects programs which are the tools to bring your ideas to life. Are you a director or a reporter? From film festivals to video competitions, discover your hidden talents.

**Dual Credit / LAC (see page 8-9).*

Fee: none Elective/CTE Credit

6450	ADVANCED AUDIO/VIDEO PRODUCTION (ADVAVPRO)			
11-12	Year (2 per. block)	2	5.0	

Prerequisite(s): Audio/Video Production; Admission committee review*

Course Description: Advanced Audio/Video Production emphasizes scriptwriting, short film making, and further practice with video equipment and software. Students will have the opportunity to direct and produce their own short films. Students will also learn about set design, lighting, and career opportunities in the media/journalism field. This class is only limited by your imagination.

Fee: none Elective/CTE Credit

6460	PRACTICUM IN AUDIO/VIDEO PRODUCTION HONORS (PRACAVT)			
12	Year (2 per. block)	2	5.0	

Prerequisite(s): Advanced Audio/Video Production, *Students in worked based job or internships will be required to provide their own transportation.*

Course Description: Innovation is the driving force behind this course which is designed for students wanting to pursue advanced Audio/Video Production topics. This course will give students the opportunity to hold a position, or internship in the media/journalism field. Students will produce professional level projects that can be used in a college/career portfolio. The focus of the class is real-world application of the skills learned in Audio/Video Production and Advanced Audio/Video Production. Opportunities for Adobe certifications are available. Students will have project based assessments and hands on application of real world media productions in school or work/internship based placement.

Fee: none Elective/CTE Credit

6470	WEBPAGE DESIGN (WEBTECH)		
10-12	Year	1	4.0
Prerequisite(s): Digital & Interactive Multimedia, Principles of Information Technology or Graphic Design & Illustration			
Course Description: See Webpage Design course description in the Information Technology section.			
Fee: none		Elective/CTE Credit	

6420	ANIMATION I (ANIMAT)		
10-12	Year	1	4.0
Prerequisite(s): Digital & Interactive Multimedia or Graphic Design & Illustration			
Course Description: Ever wonder what it takes to create computer animated movies like Shrek and Kung Fu Panda? In the Animation class, students will learn the fundamentals of computer animation and theory. Students will apply the principles of storyboarding into animations software suites where they will generate 3D models and animate them with lights and camera motion. This is a modeling intensive course so patience is required.			
Fee: none		Elective/CTE Credit	

6430	ANIMATION II HONORS (ADVANIM)		
11-12	Year (2 per. block)	2	5.0
Prerequisite(s): Animation I			
Course Description: Animation II emphasizes the advanced exploration of animation principles and furthers the utilization of skills to rig character models, apply UV mapping techniques and explore lighting, color theory, camera placement and visual effects in depth. Students will have project based assessments and create short 3D animated renderings.			
Fee: none		Elective/CTE Credit	

see pg 72	PROBLEMS AND SOLUTIONS IN ARTS, A/V TECHNOLOGY & COMMUNICATION		
11-12	Sem / Year	½ -1	4.0/5.0
Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects.			
Course Description:. See Problems and Solutions course description in the <u>Capstone and Advanced Practice</u> section.			
Honors credit may be considered depending on project		Elective/CTE Credit	
Fee: none			

see pg 72	CAREER PREPARATION I & II IN ARTS, A/V TECHNOLOGY & COMMUNICATION		
11-12	Year	3	4.0
Prerequisite(s): Transportation and approved employment			
Course Description: See Career Preparation I & II course descriptions in the <u>Capstone and Advanced Practice</u> section.			
Fee: none		Elective/CTE Credit	

*NOTE: In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.



BUSINESS MANAGEMENT & ADMINISTRATION CLUSTER

INTRO CLASSES

**PRINCIPLES OF BUSINESS,
MARKETING & FINANCE**

9th - 12th
1/2 Credit

PATHWAYS

BUSINESS
See Prerequisites

**BUSINESS INFORMATION
MANAGEMENT I**

9th - 12th
1 Credit

**BUSINESS INFORMATION
MANAGEMENT II - HONORS**

10th - 12th
1 Credit

BUSINESS LAW

10th - 12th
1/2 Credit

ASSOCIATED COURSE:

• ENTREPRENEURSHIP
HONORS

(MARKETING CLUSTER)

**PROBLEMS & SOLUTIONS IN
BUSINESS MANAGEMENT I & II
REGULAR & HONORS**

11th - 12th
1/2 - 1 Credit

**CAREER PREPARATION IN
BUSINESS MANAGEMENT I & II**

11th - 12th
3 Credits

CAP STONE

■ AVAILABLE AT EITHER CAMPUS

■ AVAILABLE ONLY AT AMCHS

■ AVAILABLE ONLY AT CSHS

→ REQUIRED PREREQUISITE COURSES

BUSINESS & INDUSTRY ENDORSEMENT

BUSINESS MANAGEMENT AND ADMINISTRATION CLUSTER

6513 PRINCIPLES OF BUSINESS, MARKETING, & FINANCE (PRINBMF)

9-12 Sem ½ 4.0

Prerequisite(s): None

Course Description: Apply basic marketing and advertising skills to a business plan and better understand the importance of personal financial management. Students actively engage in the marketing, advertising, and financial processes thru projects and case studies.

Fee: none Elective/CTE Credit

6503 KEYBOARDING (TSDATAE)

9-12 Sem ½ 4.0

Prerequisite(s): None

Course Description: Improve both your speed and accuracy on the keyboard. Also learn word processing skills that can make projects for other classes much easier.

Fee: none Elective/CTE Credit

6600 ENTREPRENEURSHIP HONORS (ENTREP)

10-12 Year 1 5.0

Prerequisite(s): Principles of Business, Marketing and Finance; Dollars and Sense; Sports & Entertainment Marketing; Fashion Marketing; and/or Accounting recommended

Course Description: See Entrepreneurship course description in the Marketing section.

Fee: none Elective/CTE Credit

6520 BUSINESS INFORMATION MANAGEMENT I (BUSIM1)

9-12 Year 1 4.0

Prerequisite(s): None

Course Description: This class will help you get a jump-start on learning computer skills that can enhance your projects for other classes, as well as necessary workplace skills. You'll learn how to create appealing spreadsheets & charts, professional looking documents, engaging multi-media presentations, and more.

Fee: none Elective/CTE Credit

6530 BUSINESS INFORMATION MANAGEMENT II-HONORS (BUSIM2)

10-12 Year 1 5.0

Prerequisite(s): Business Information Management I or Approved Local Admissions test

Course Description: Want to get certified and make that resume shine? This class provides the opportunity to earn the Microsoft Office Specialist (MOS) certifications. You will learn advanced concepts and skills that will allow you to enhance your spreadsheets, presentations, and more, all while working toward your certification opportunity.

Fee: none Elective/CTE Credit

6553 BUSINESS LAW (BUSLAW)

10-12 Sem ½ 4.0

Prerequisite(s): None

Course Description: Are you interested in the legal aspects of business? Learn about the laws and ethics that surround the business environment, the different types of business organizations, and the contracts that they use (or misuse). You'll apply your technical skills to address different business applications and to make appropriate business decisions.

Fee: none Elective/CTE Credit

see pg 72 PROBLEMS AND SOLUTIONS IN BUSINESS MANAGEMENT & ADMINISTRATION

11-12 Sem / Year ½ -1 4.0/5.0

Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects.

Course Description: See Problems and Solutions course description in the Capstone and Advanced Practice section.

Honors credit may be considered depending on project
Fee: none Elective/CTE Credit

see pg 72 CAREER PREPARATION I & II IN BUSINESS MANAGEMENT & ADMINISTRATION

11-12 Year 3 4.0

Prerequisite(s): Transportation and approved employment

Course Description: See Career Preparation I & II course descriptions in the Capstone and Advanced Practice section.

Fee: none Elective/CTE Credit

*NOTE: In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.



HEALTH SCIENCE CLUSTER

INTRO CLASSES

**INTRO TO THE HEALTH
CARE FIELD**

9th - 12th
1/2 Credit

PATHWAYS

MEDICAL SCIENCES

See Prerequisites

**PROBLEMS & SOLUTIONS
IN HEALTH SCIENCE (CNA)**

11th - 12th
1 Credit

**INTRODUCTION TO
MEDICINE - REGULAR
OR HONORS**

10th - 12th
1 Credit

**PROBLEMS & SOLUTIONS
IN HEALTH SCIENCE -
REGULAR OR HONORS**

12th
1/2 - 1 Credit

**PROBLEMS & SOLUTIONS
IN PHARMACEUTICAL
SCIENCE - HONORS**

12th
1/2 Credit

**BASIC MEDICAL
PRACTICE - HONORS**

11th - 12th
2 Credits

**PRACTICUM IN HEALTH
SCIENCE - EMERGENCY
MEDICAL TECHNICIAN
REGULAR OR HONORS**

12th
2 Credits

**ADVANCED
BIOTECHNOLOGY HONORS**

12th
1 Credit

**HUMAN ANATOMY &
PHYSIOLOGY - REGULAR
OR HONORS**

11th - 12th
1 Credit

**CAREER PREPARATION IN
HEALTH SCIENCE I & II**

12th
3 Credits

CAP STONE

■ AVAILABLE AT EITHER CAMPUS

■ AVAILABLE ONLY AT AMCHS

■ AVAILABLE ONLY AT CSHS

→ REQUIRED PREREQUISITE COURSES

PUBLIC SERVICES ENDORSEMENT HEALTH SCIENCE CLUSTER

6123	INTRO TO THE HEALTH CARE FIELD (PRINHLSC)			
9-12	Sem	½	4.0	

Prerequisite(s): None

Course Description: Are you thinking of pursuing a career in the medical field? Discover a medical career that interests you by exploring a wide variety of medical occupations. Meet new people with similar interests in the medical field and studies. Learn about the challenges and rewards of working in the health care field under an experienced health care professional.

Fee: none Elective/CTE Credit

6130	INTRODUCTION TO MEDICINE (HLTHSCI)			
10-12	Year	1 credit	4.0	

Prerequisite(s): Intro to the Health Care Field; Biology/Concurrently taking Biology

Course Description: This is an ideal course for those students who desire to pursue a career in medicine. Students will gain a broader view of the medical field by learning basic anatomy and physiology, medical terminology, and hands on skills used in the medical field. Students will have the opportunity to earn a CPR and First Aid Certification when taking this course.

Fee: none Elective/CTE Credit

6130H	INTRODUCTION TO MEDICINE - HONORS (HLTHSCI)			
10-12	Year	1	5.0	

Prerequisite(s): Pre AP Biology/Concurrently enrolled in Pre AP Bio (required); Intro to the Health Care Field

Course Description: This is an ideal course for those students who desire to pursue a career in medicine. Students will gain a broader view of the medical field by learning basic anatomy and physiology, medical terminology, and hands on skills used in the medical field. Students will be required to do outside volunteer hours each 6 weeks in an approved facility in order to earn the honors credit for this course. Students will also have the opportunity to earn a CPR and First Aid Certification when taking this course.

Fee: None Elective/CTE Credit

6140	BASIC MEDICAL PRACTICE HONORS (PRACHLSC)			
11-12	Year (2 per. block)	2	5.0	

Prerequisite(s): Introduction to Medicine; Admission committee approval*

Course Description: Students enrolled in this course will have a chance to experience the medical field first hand. The first semester, there will be an emphasis on earning a Certified Nurse Aide (CNA) certification. Students will have one-on-one interaction with nursing home residents and staff. Upon successful completion of CNA, second semester students will work closely with patients, doctors, nurses and a wide variety of health care professionals at local health care facilities. Students will also make frequent clinical site visits to the Texas A&M Health Science Simulation Center to learn and practice such hands on skills as starting IV's and giving injections to mannequins, suturing and patient assessment. In order to earn honors credit for this course, students are required to earn volunteer hours each 6 weeks at an approved facility.

Fee: Certification fee approximately \$95; financial aid available Elective/CTE Credit

3810	HUMAN ANATOMY & PHYSIOLOGY (ANATPHYS)			
11-12	Year	1	4.0	

Prerequisite(s): Biology; Chemistry

Course Description: Comprehensive study of anatomy and physiology of the human body. An overview of histology, general anatomical terminology, and detailed investigation of all body systems. Major mammalian dissection included.

Fee: none Science/ Elective/CTE Credit

3820	HUMAN ANATOMY & PHYSIOLOGY - HONORS (ANATPHYS)			
11-12	Year	1	5.0	

Prerequisite(s): Pre-AP Biology; Pre-AP Chemistry

Course Description: Comprehensive study of Anatomy and Physiology with emphasis on histology, terminology, and investigative applications. Major mammalian dissection, suturing techniques, and numerous disorders/diseases reviewed. Enrolled students should be in the health services career path and considering a future in the medical field.

Fee: none Science/ Elective/CTE Credit

3830	ADVANCED BIOTECHNOLOGY - HONORS (ADVBIOT)			
11-12	Year	1	5.0	

Prerequisite(s): Biology, Chemistry

Course Description: Science and industry place emphasis on the use of technology in a variety of applications. Scientific concepts and exploration of endless opportunities available for change and progress are reviewed.

Fee: none Science/ Elective/CTE Credit

6191	PROBLEMS AND SOLUTIONS IN HEALTH SCIENCE (CNA)			
FALL ONLY				

11-12	Sem (Fall only)	1 credit (2 periods)	4.0	
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Prerequisite(s): Intro to HCF, Biology, Admission committee review*, 16 years of age by November

Course Description: If you are interested in a health care career as a Certified Nurse Aide (CNA), this class is for you. By working one-on-one with nursing home residents and staff, students will learn the skills necessary to pass the State C.N.A. exam in December. Successful completion of this certification allows you to immediately begin working in a long term care facility (such as a nursing home), providing you with valuable workplace experience.

Fee: Certification fee approximately \$95; Financial aid available Elective/CTE Credit

6192	PROBLEMS AND SOLUTIONS IN PHARMACEUTICAL SCIENCE HONORS		
SPRING ONLY			
12	Sem (Spring only)	½	5.0
Prerequisite(s): Introduction to Medicine, Admission committee review*			
Course Description: Do you have a strong science background, and a desire to help patients with their medications? Students completing this course will be eligible to earn the Pharmacy Technician Certification. Students will complete a computer-based module course for the Pharmacy Technician program under the supervision of a licensed medical professional. Students will have the opportunity to complete an unpaid internship at a local pharmacy to gain work experience. Students will also complete and present a research project at the end of the semester. This is a great opportunity for a student to gain insight into pharmacy and related career fields, as well as developing job skills that can be used immediately. Pharmacy Certification fee approx \$130; Financial aid available.			
Fee: none		Elective/CTE Credit	

6144	PRACTICUM IN HEALTH SCIENCE – EMERGENCY MEDICAL TECHNICIAN		
12	Year (2 per. Block)	2	4.0/ 5.0
Prerequisite(s): Introduction to Medicine, Completion of required paperwork and immunizations, Admission committee review			
Course Description: If you are truly interested in obtaining your EMT-Basic as a career or as a beginning to your career in the medical field, consider this dynamic course taught in partnership with TEEX (Texas A&M Extension Service) Emergency Medical Services Academy. This is a two part program with the first part available to you in your senior year at AMCHS. The second part of the training will be the 112 clinical/field hours that will be completed the summer after graduation with TEEX.			
*In order to offer health science practicum opportunities for as many students as possible, EMT will be offered first to those students meeting all criteria who have not yet completed a practicum course.			
Fee: Textbook – student owned, approximately \$95 (financial assistance available)		Elective/CTE Credit	

see pg 72	PROBLEMS AND SOLUTIONS IN HEALTH SCIENCE		
11-12	Sem / Year	½ -1	4.0/5.0
Prerequisite(s): Introduction to Medicine, Admission committee review*			
Course Description: Students will design a research project to present to the instructor and a panel of industry professionals at the end of the semester. Students enrolled in this course would have the opportunity to shadow a pre-approved mentor in the health/medical field of the students' choice.			
Fee: none		Elective Credit	

see pg 72	CAREER PREPARATION I & II IN HEALTH SCIENCE		
12	Year	3	4.0
Prerequisite(s): Transportation and approved employment			
Course Description: See Career Preparation I & II course descriptions in the <u>Capstone and Advanced Practice</u> section.			
Fee: none		Elective/CTE Credit	

*NOTE: In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.



HOSPITALITY CLUSTER - CULINARY EMPHASIS

INTRO CLASSES

TEEN LIVING
(HUMAN SERVICES CLUSTER)

9th - 10th
1 Credit

PATHWAYS

CULINARY

See Prerequisites

FOODS 101
(HUMAN SERVICES CLUSTER)

10th - 12th
1/2 Credit



**INTRODUCTION TO
CULINARY**
(HUMAN SERVICES CLUSTER)

10th - 12th
1/2 Credit



CULINARY ARTS

11th - 12th
2 Credits



**PRACTICUM IN
CULINARY ARTS**

12th
2 Credits

**ASSOCIATED
COURSES:**

• **FOOD
TECHNOLOGY
& SAFETY**

• **FOOD
PROCESSING**

(AGRICULTURE,
FOOD & NATURAL
RESOURCES
CLUSTER)

**PROBLEMS & SOLUTIONS IN
HOSPITALITY I & II
REGULAR & HONORS**

11th - 12th
1/2 - 1 Credit

**CAREER PREPARATION IN
HOSPITALITY I & II**

11th - 12th
3 Credits

CAP STONE

■ AVAILABLE AT EITHER CAMPUS

■ AVAILABLE ONLY AT AMCHS

■ AVAILABLE ONLY AT CSHS

→ REQUIRED PREREQUISITE COURSES

BUSINESS & INDUSTRY ENDORSEMENT

HOSPITALITY AND TOURISM – CULINARY EMPHASIS CLUSTER

6200	TEEN LIVING (PRINHUSR)			
9-10	Year (A/B)	1	4.0	

Prerequisite(s): None

Course Description: See Teen Living course description in the Human Services section.

Fee: Supply cost of \$10; financial aid available Elective/CTE Credit

6213	FOODS 101 (LNURTWEL)			
10-12	Sem	½	4.0	

Prerequisite(s): None

Course Description: Foods101 is a laboratory course that teaches principles of basic nutrition and how to make good healthy food choices! This class will introduce you to the culinary world by demonstrating and teaching a variety of preparation, cooking and baking skills. Put your apron on and join us for a great learning and cooking adventure!

Fee: none Elective/CTE Credit

6900	INTRODUCTION TO CULINARY (LNURTWEL)			
10-12	Sem	½	4.0	

Prerequisite(s): Foods 101

Course Description: Do you love really great food and think you could be the next Top Chef? Do you wonder how to run a profitable, safe restaurant? This hands-on course will help you understand basic food-preparation skills, safety and sanitation, operation and management of food service establishments, and food preservation and service techniques. This course is a prerequisite for Culinary Arts.

Fee: none Elective/CTE Credit

6064	FOOD TECHNOLOGY & SAFETY (FOODTS)			
10-12	Year	1	4.0	

Prerequisite(s): None

Course Description: See Food Tech & Safety course description in the Agriculture section.

Fee: none Elective/CTE Credit

6060	FOOD PROCESSING (FOODPRO)			
11-12	Year (2 per. block)	2	4.0	

Prerequisite(s): Food Technology & Safety or Culinary 1

Course Description: See Food Processing course description in the Agriculture section.

Fee: \$40; financial aid available Elective/CTE Credit

6910	CULINARY ARTS (CULARTS)			
11-12	Year (2 per. block)	2	4.0	

Prerequisite(s): Introduction to Culinary; Admission committee review*

Course Description: Throughout this in-depth course students will be immersed in the world of culinary arts. With an emphasis on teamwork and food safety, students will prepare a full range of menu items. In addition to advanced culinary skills, instruction includes budgeting and marketing, restaurant management, food safety and sanitation, presentation and serving. Students will pursue ServSafe certification. Upon leaving this course, students will be prepared for an exciting career in restaurants and the hospitality industry or for culinary school.

Fee: approx. \$100 for uniform; financial aid available Elective/CTE Credit

6920	PRACTICUM IN CULINARY ARTS (PRACCUL)			
12	Year	2	4.0	

Prerequisite(s): Culinary Arts required; Admission committee review*; *Students in work based job or internships will be required to provide their own transportation.*

Course Description: Continue your culinary and restaurant management experiences in this advanced, real world course.

Fee: approx. \$100 for uniform; financial aid available Elective/CTE Credit

see pg 72	PROBLEMS AND SOLUTIONS IN HOSPITALITY AND TOURISM			
11-12	Sem / Year	½ -1	4.0/5.0	

Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects.

Course Description: See Problems and Solutions course description in the Capstone and Advanced Practice section.

Honors credit may be considered depending on project
Fee: none Elective/CTE Credit

see pg 72	CAREER PREPARATION I & II IN HOSPITALITY AND TOURISM			
11-12	Year	3	4.0	

Prerequisite(s): Transportation and approved employment

Course Description: See Career Preparation I & II course descriptions in the Capstone and Advanced Practice section.

Fee: none Elective/CTE Credit

*NOTE: In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.

HUMAN SERVICES & EDUCATION TRAINING CLUSTER

INTRO CLASSES

TEEN LIVING

9th - 10th
1 Credit

P A T H W A Y S

FOOD & NUTRITION

FOODS 101
10th - 12th
1/2 Credit

ASSOCIATED COURSES:

- INTRO TO CULINARY
- CULINARY I
- PRACTICUM IN CULINARY (HOSPITALITY CLUSTER)

TEACHING / CHILD CARE

See Prerequisites

CHILD DEVELOPMENT

10th - 12th
1/2 Credit

READY, SET, TEACH I

11th - 12th
2 Credits

READY, SET, TEACH II HONORS

12th
2 Credits

PERSONAL FINANCE

DOLLARS & SENSE

10th - 12th
1/2 Credit

ASSOCIATED COURSES:

- FASHION DESIGN (ARTS, A/V, COMMUNICATIONS CLUSTER)
- INTERIOR DESIGN (ARCHITECTURE & CONSTRUCTION CLUSTER)

**PROBLEMS & SOLUTIONS IN
HUMAN SERVICES & EDUCATION I & II
REGULAR & HONORS**

11th - 12th
1/2 - 1 Credit

**CAREER PREPARATION IN
HUMAN SERVICES & EDUCATION I & II**

11th - 12th
3 Credits

CAP STONE

AVAILABLE AT EITHER CAMPUS

AVAILABLE ONLY AT AMCHS

AVAILABLE ONLY AT CSHS

REQUIRED PREREQUISITE COURSES

PUBLIC SERVICES ENDORSEMENT

HUMAN SERVICES AND EDUCATION & TRAINING CLUSTER

6200	TEEN LIVING (PRINHUSR)			
9-10	Year (A/B)	1	4.0	

Prerequisite(s): None

Course Description: This comprehensive hands-on course will allow you to grow as a teen approaching adulthood as you learn about practical topics such as personal growth and goals, healthy relationships, and money management. The course introduces topics covered in other courses within this cluster including fashion, child development, interior design, hospitality and foods.

Fee: Supply cost of \$10; financial aid available Elective/CTE Credit

6253	CHILD DEVELOPMENT (CHILDEV)			
10-12	Sem	½	4.0	

Prerequisite(s): None

Course Description: Parent, teacher, neonatal nurse, pediatrician, daycare administrator, toy designer, etc. are all great careers that involve children. This course will cover effective caregiving skills, pregnancy, growth and development, and health and safety needs. See what caring for a newborn is all about with our "simulated baby" or just find that inner child in you while interacting with young children.

Fee: none Elective/CTE Credit

6213	FOODS 101 (LNURTWEL)			
10-12	Sem	½	4.0	

Prerequisite(s): None

Course Description: See Foods 101 course description in the Human Services section.

Fee: none Elective/CTE Credit

6900	INTRODUCTION TO CULINARY (PRINHOSP)			
10-12	Sem	½	4.0	

Prerequisite(s): Foods 101 required

Course Description: See Intro to Culinary course description in the Human Services section.

Fee: none Elective/CTE Credit

6223	DOLLARS AND SENSE (DOLLARSE)			
10-12	Sem	½	4.0	

Prerequisite(s): None

Course Description: Where did all your money go? Need a loan? Want to move out on your own? Students will apply management skills to their personal banking, learn how to establish and maintain credit, and analyze independent housing options.

Fee: none Elective/CTE Credit

6240	INTERIOR DESIGN (INTERDSN)			
10-12	Year	1	4.0	

Prerequisite(s): None

Course Description: See Interior Design course description in the Architecture and Construction section.

Fee: Supply cost of \$30; financial aid available Elect/CTE Credit

***NOTE:** In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.

6230	FASHION DESIGN (FASHDSN)			
10-12	Year	1	4.0	

Prerequisite(s): None

Course Description: See Fashion Design course description in the Arts, Audio-Visual and Communication section.

Fee: Supply cost of \$30-40; financial aid available Elective/CTE Credit

6270	READY, SET, TEACH (INPREDTR)			
11-12	Year (2 per. block)	2	4.0	

Prerequisite(s): Child Development recommended; Admission Committee review*; **Students must provide their own transportation to field sites.*

Course Description: If you are interested in a career in education as a teacher, coach, counselor or principal, Ready Set Teach is the class for you. Students will experience field-based internships that provide background knowledge of child and adolescent development as well as principles of effective teaching and training practices, teaching strategies, learning styles, classroom environments, brain development, and behavior management. This course focuses on teaching fields from grades K-12. Various projects will require supplies.

* If a student is interested in teaching high school they must be a senior to have a high school internship.

Fee: none Elective/CTE Credit

6274	READY, SET, TEACH II (PRACEDTR)			
12	Year (2 per. block)	2	4.0/5.0	

Prerequisite(s): Ready, Set, Teach I; Admission Committee Review*; **Students in work based job or internships will be required to provide their own transportation.*

Course Description: Continue your Ready Set Teach experiences in this advanced, real world course. Students will complete an independent study of an educational research topic of their choice. The research project should be applicable to the 14-week semester internships located in an educational setting. The honors level option requires a research paper as a part of the research project. Each semester culminates with a student-presentation of their research project observed at their internship setting.

Fee: none Elective/CTE Credit

see pg 72	PROBLEMS AND SOLUTIONS IN HUMAN SERVICES AND EDUCATION & TRAINING			
11-12	Sem / Year	½ -1	4.0/5.0	

Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects.

Course Description: See Problems and Solutions course description in the Capstone and Advanced Practice section. Honors credit may be considered depending on project

Fee: none Elective/CTE Credit

see pg 72	CAREER PREPARATION I & II IN HUMAN SERVICES AND EDUCATION & TRAINING			
11-12	Year	3	4.0	

Prerequisite(s): Transportation and approved employment

Course Description: See Career Preparation I & II course descriptions in the Capstone and Advanced Practice section.

Fee: none Elective/CTE Credit



INFORMATION TECHNOLOGY CLUSTER

INTRO CLASSES

**PRINCIPLES OF INFORMATION
TECHNOLOGY**

9th - 11th
1/2 Credit

**DIGITAL & INTERACTIVE
MULTIMEDIA**

9th - 11th
1/2 Credit

P A T H W A Y S

COMPUTER TECHNOLOGIES

See Prerequisites

**COMPUTER MAINTENANCE
- HONORS**

10th - 12th
1 Credit

**TELECOMMUNICATIONS
& NETWORKING - HONORS**

11th - 12th
2 Credits

**COMPUTER
TECHNICIAN - HONORS**

12th
2 Credits

COMPUTER SCIENCE

See Prerequisites

**COMPUTER PROGRAMMING
I - HONORS**

9th - 12th
1 Credit

**COMPUTER PROGRAMMING
II - HONORS**

10th - 12th
1 Credit

WEB TECHNOLOGY

See Prerequisites

WEBPAGE DESIGN

10th - 12th
1 Credit

**ASSOCIATED
COURSE:**

• **GRAPHIC
DESIGN &
ILLUSTRATION**

(ARTS, A/V &
COMMUNICATIONS
CLUSTER)

**PROBLEMS & SOLUTIONS IN
INFORMATION TECHNOLOGY I & II
REGULAR & HONORS**

11th - 12th
1/2 - 1 Credit

**CAREER PREPARATION IN
INFORMATION TECHNOLOGY I & II**

11th - 12th
3 Credits

CAP STONE

■ AVAILABLE AT EITHER CAMPUS

■ AVAILABLE ONLY AT AMCHS

■ AVAILABLE ONLY AT CSHS

→ REQUIRED PREREQUISITE COURSES

BUSINESS & INDUSTRY ENDORSEMENT

INFORMATION TECHNOLOGY CLUSTER

6303 PRINCIPLES OF INFORMATION TECHNOLOGY (PRINIT)

9-11 Sem ½ 4.0

Prerequisite(s): None

Course Description: Are you interested in the fast-paced, changing industry of Information Technology? This course will offer an introductory level of knowledge on a variety of subjects including blogs, forums and messaging. Areas covered would include computer hardware and software, networking, programming, web page design, Microsoft Office applications, file management and operating systems.

Fee: none

Elective/CTE Credit

6313 DIGITAL AND INTERACTIVE MULTIMEDIA (DIMEDIA)

9-11 Sem ½ 4.0

Prerequisite(s): None

Course Description: Interested in video, advertising, or design? This course is designed to introduce technology used in the workplace. This course will offer a hands-on approach to real world problems by creating multimedia projects for real-life situations. Students will gain experience using audio and video equipment as well as animation and graphic design software.

**Dual Credit / LAC (see page 8-9).*

Fee: none

Elective/CTE Credit

6320 COMPUTER MAINTENANCE HONORS (COMPMTN)

10-12 Year 1 5.0

Prerequisite(s): Principles of Information Technology or Programming I; Admission committee review*

Course Description: This course is designed for students that have an interest in the field of Computer Technology; learning information taken from the fast pace world of computer gaming to the real world issues that faces today's computer dilemmas. Computer safety, security, hardware components, assembly and architecture will be studied in depth. Students will assemble and dismantle a working computer, and will install and study several different operating systems ranging from Windows XP to Windows 10. DC electronics will be covered as well as principles and techniques of electronic soldering. Students will be prepared to take the internationally recognized CompTIA A+ Certification Exam.

**Students will cover the \$170 cost of the Certification Exam if they choose to take it. (financial aid available)*

**Dual Credit / LAC (see page 8-9).*

Fee: none

Elective/CTE Credit

6330 TELECOMMUNICATIONS & NETWORKING HONORS (TELECOMN)

11-12 Year (2 per. block) 2 5.0

Prerequisite(s): Computer Maintenance or Programming II; Admission committee review*

Course Description: Ever wonder what keeps our cell phones and the internet running? In this course students will study the fundamentals of networking and telecommunications. Hands on applications will be used to learn network server administration, security, Ghost Imaging and Casting, disaster recovery, domain environments and web hosting administration. Students will maintain classroom networks as well as dedicated network servers. Students will be prepared to take the internationally recognized CompTIA N+ Certification Exam.

**Students will cover the \$170 cost of the Certification Exam if they choose to take it. (financial aid available)*

**Dual Credit / LAC (see page 8-9).*

Fee: none

Elective/CTE Credit

6340 COMPUTER TECHNICIAN HONORS

12 Year 2 5.0

Prerequisite(s): Telecommunications and Networking; *Student in a work based job or internships will be required to provide their own transportation.*

Course Description: Innovation is the driving force behind this course which is designed for students wanting to pursue advanced Computer Technology topics, such as high-level operating systems, cyber security and installations including Linux. Students will lead their own projects in a research dependent environment where they will apply the theories and knowledge learned in Computer Maintenance and Telecommunications. Students will have project based assessments and will have hands on application on real world work order based systems in school or work/internship based placement. Students in worked based job or internships will be required to provide their own transportation. Students will be prepared to take the internationally recognized CompTIA A+, Security + or N+ Certification Exam.

**Students will cover the \$150 cost of the Certification Exam if they choose to take it. (financial aid available)*

**Dual Credit / LAC (see page 8-9)*

Fee: none

Elective/CTE Credit

6350 COMPUTER PROGRAMMING I - HONORS (COMPPROG)

9-12 Year 1 5.0

Prerequisite(s): Algebra I, Principles of Information Technology (recommended)

Course Description: Students will practice procedural, object oriented, and event-driven programming. Algorithms and data structures will be studied. Students will develop problem-solving and team-building skills throughout the year. Java will be the main programming language used. Students will combine Java with HTML to create an applet. Students will use Java Swing to create a game embedded within a GUI interface. Programming careers and employment opportunities will also be explored.

Fee: none

Elective/CTE Credit

6360	COMPUTER PROGRAMMING II - HONORS (ADVCOMPP)		
10-12	Year	1	5.0

Prerequisite(s): Computer Programming I

Course Description: Students will expand their knowledge of object-oriented programming techniques and concepts –emphasis will be placed on data structures, recursion, inheritance, interfaces, abstract classes, search methods and sorting algorithms. The student will demonstrate knowledge of the software development process, how to handle exceptions, develop test cases and conduct testing. Students will work with three labs from the College Board to prepare for the Advanced Placement Computer Science AP exam.

Fee: \$100 – Approx. AP exam fee Elective/CTE Credit

6410	GRAPHIC DESIGN & ILLUSTRATION (GRAPHDI)		
9-12	Year	1	4.0

Prerequisite(s): None

Course Description: See Graphic Design course description in the Arts, Audio-Visual and Communication section.

Fee: none Elective/CTE Credit

6470	WEBPAGE DESIGN (WEBTECH)		
10-12	Year	1	4.0

Prerequisite(s): Digital & Interactive Multimedia or Principles of Information Technology or Graphic Design & Illustration

Course Description: Google, Yahoo, Facebook and Wikipedia – the internet is everywhere. The webpage design course will teach you the skills needed to create your own space on the web. Students will learn to identify how the Internet functions with specific attention to the World Wide Web and file transfer. They will apply design techniques in the creation and optimization of graphics and other embedded elements as well as demonstrate the use of formatting and layout standards. Students will design, create, test and maintain a web site. This course is HTML and CSS intensive.

**Dual Credit / LAC (see page 8-9).*

Fee: none Elective/CTE Credit

<i>see pg 72</i>	PROBLEMS AND SOLUTIONS IN INFORMATION TECHNOLOGY		
11-12	Sem / Year	½ -1	4.0/5.0

Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects.

Course Description: See Problems and Solutions course description in the Capstone and Advanced Practice section. Honors credit

may be considered depending on project

Fee: none Elective/CTE Credit

6364	VIDEO GAME DESIGN (VIDEOGD)		
10 th -12 th	Year	1 credit	4.0

Prerequisite(s): Algebra 1 and Principles of Info Tech, Programming 1 or Graphic Design recommended

Course Description: See Video Game Design course description in the Arts, Audio-Visual and Communication section.

Fee: none Elective/CTE Credit

<i>see pg 72</i>	CAREER PREPARATION I & II IN INFORMATION TECHNOLOGY		
11-12	Year	3	4.0

Prerequisite(s): Transportation and approved employment

Course Description: See Career Preparation I & II course descriptions in the Capstone and Advanced Practice section.

Fee: none Elective/CTE Credit

***NOTE:** In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.

INTRO CLASSES

PRE-LAW

9th - 12th
1/2 Credit

PATHWAYS

LAW ENFORCEMENT

See Prerequisites

INTRODUCTION TO CRIMINAL JUSTICE

10th - 12th
1 Credit



INTRODUCTION TO LAW ENFORCEMENT

11th - 12th
1 Credit

ASSOCIATED COURSE:

• BUSINESS LAW
(BUSINESS
MANAGEMENT &
ADMINISTRATION
CLUSTER)

PROBLEMS & SOLUTIONS IN LAW ENFORCEMENT I & II REGULAR & HONORS

11th - 12th
1/2 - 1 Credit

CAREER PREPARATION IN LAW ENFORCEMENT I & II

11th - 12th
3 Credits

CAP STONE

AVAILABLE AT EITHER CAMPUS

AVAILABLE ONLY AT AMCHS

AVAILABLE ONLY AT CSHS

REQUIRED PREREQUISITE COURSES

PUBLIC SERVICES ENDORSEMENT

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY CLUSTER

6703	PRE-LAW (PRINLPCS)			
9-12	Semester	½	4.0	
Prerequisite(s): None				
Course Description: This course is designed for students who have an interest in the Criminal Justice field. This course introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections. Students will also understand the historical and philosophical development of criminal law as well as analyzing the essential elements/classifications of crime. Students who have already taken "Fundamentals of Criminal Law" should not take this course. <i>*Dual Credit / LAC (see page 8-9).</i>				
Fee: none			Elective/CTE Credit	

6710	INTRODUCTION TO CRIMINAL JUSTICE (LAWENF1)			
10-12	Year	1	4.0	
Prerequisite(s): Pre-Law				
Course Description: Students will study 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. <i>*Dual Credit / LAC (see page 8-9).</i>				
Fee: none			Elective/CTE Credit	

6720	INTRODUCTION TO LAW ENFORCEMENT (LAWENF2)			
11-12	Year	1	4.0	
Prerequisite(s): Introduction to Criminal Justice				
Course Description: Introduction to Law Enforcement provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes ethical and legal responsibilities, the operation of police and emergency telecommunication equipment, and courtroom testimony. The course will also cover the equivalent of the 40-hour Emergency Telecommunicator. This course is designed to introduce students to the exciting and challenging field of Emergency Telecommunications. <i>*Dual Credit / LAC (see page 8-9).</i>				
Fee: none			Elective/CTE Credit	

6553	BUSINESS LAW (BUSLAW)			
10-12	Semester	½	4.0	
Prerequisite(s): None				
Course Description: See description in Business Management and Administrative section.				
Fee: none			Elective/CTE Credit	

see pg 72	PROBLEMS AND SOLUTIONS IN LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY			
11-12	Sem / Year	½ -1	4.0/5.0	
Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects.				
Course Description: See Problems and Solutions course description in the <u>Capstone and Advanced Practice</u> section.				
Honors credit may be considered depending on project				
Fee: none			Elective/CTE Credit	

see pg 72	CAREER PREPARATION I & II IN LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY			
11-12	Year	3	4.0	
Prerequisite(s): Transportation and approved employment				
Course Description: See Career Preparation I & II course descriptions in the <u>Capstone and Advanced Practice</u> section.				
Fee: none			Elective/CTE Credit	

***NOTE:** In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.



MARKETING & FINANCE CLUSTER

INTRO CLASSES

**PRINCIPLES OF BUSINESS,
MARKETING & FINANCE**

9th - 12th
1/2 Credit

PATHWAYS

MARKETING

See Prerequisites

FASHION MARKETING

9th - 12th
1/2 Credit

**SPORTS & ENTERTAINMENT
MARKETING**

9th - 12th
1/2 Credit

**ENTREPRENEURSHIP
HONORS**

10th - 12th
1 Credit

FINANCE

See Prerequisites

WORLD OF MONEY

11th - 12th
1/2 Credit

ACCOUNTING I - HONORS

10th - 12th
1 Credit

ACCOUNTING II - HONORS

11th - 12th
1 Credit

ASSOCIATED COURSES:

• **BUSINESS INFORMATION
MANAGEMENT I & II -
(HONORS)**

(BUSINESS MANAGEMENT &
ADMINISTRATION CLUSTER)

• **DOLLARS & SENSE**
(HUMAN SERVICES
CLUSTER)

**PROBLEMS & SOLUTIONS IN
MARKETING & FINANCE I & II
REGULAR & HONORS**

11th - 12th
1/2 - 1 Credit

**CAREER PREPARATION IN
MARKETING & FINANCE I & II**

11th - 12th
3 Credits

CAP STONE

AVAILABLE AT EITHER CAMPUS

AVAILABLE ONLY AT AMCHS

AVAILABLE ONLY AT CSHS

REQUIRED PREREQUISITE COURSES

BUSINESS & INDUSTRY ENDORSEMENT

MARKETING & FINANCE CLUSTER

6513 PRINCIPLES OF BUSINESS, MARKETING, & FINANCE (PRINBMF)

9-12 Semester ½ 4.0

Prerequisite(s): None

Course Description: Apply basic marketing and advertising skills to a business plan and better understand the importance of personal financial management. Students actively engage in the marketing, advertising, and financial processes thru projects and case studies.

Fee: none Elective/CTE Credit

6600 ENTREPRENEURSHIP HONORS (ENTREP)

10-12 Year 1 5.0

Prerequisite(s): Principles of Business, Marketing and Finance; Dollars and Sense; Sports & Entertainment Marketing; Fashion Marketing; and/or Accounting recommended

Course Description: Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. **Dual Credit / LAC (see page 8-9).*

Fee: none Elective/CTE Credit

6613 FASHION MARKETING (FASHMKTG)

9-12 Sem ½ 4.0

Prerequisite(s): None

Course Description: If you're interested in a career in fashion, then don't pass up this innovative class. You will learn what it takes to advertise your products, to plan and allocate a budget, to price your products, and to determine the clients' needs. Discover what career opportunities await you in the field of fashion!

Fee: none Elective/CTE Credit

6623 SPORTS & ENTERTAINMENT MARKETING (SPORTSEM)

9-12 Sem ½ 4.0

Prerequisite(s): None

Course Description: Football games, concerts, Monster Truck events—what does it take to plan for and promote these and other events? What goes into sponsorships, proposals, and contracts? Find the answers to these questions and more in this exciting class, and get an idea of what it takes to make it happen!

Fee: none Elective/CTE Credit

6223 DOLLARS AND SENSE (DOLLARSE)

10-12 Sem ½ 4.0

Prerequisite(s): None

Course Description: See Dollars and Sense course description in the Human Services section.

Fee: none Elective/CTE Credit

6633 WORLD OF MONEY (MONEYM)

11-12 Sem ½ 4.0

Prerequisite(s): None

Course Description: Interested in the financial economic environment and how it is impacted? This course offers the chance to learn about economics, financial institutions, and international trade, while also teaching personal finance and budgeting. You will also study how sociological and psychological issues impact financial decisions.

Fee: none Elective/CTE Credit

6640 ACCOUNTING I-H (ACCOUNT1)

10-12 Year 1 5.0

Prerequisite(s): None

Course Description: Why do some businesses make it and others don't? Money! Come and investigate the field of accounting and find out how to organize and manage the financial dealings of a business. Formulate and interpret financial information for use in management decision-making. Financial statements will be prepared manually. Business simulations will be assigned in both semesters.

**Dual Credit / LAC (see page 8-9).*

Fee: none Elective/CTE Credit

6650 ACCOUNTING II-H (ACCOUNT2)

11-12 Year 1 5.0

Prerequisite(s): Accounting I-H

Course Description: Did you like Accounting I? If so, then this is the class for you! This class will further your accounting knowledge and take a deeper dive into the field of accounting. Spreadsheets and computerized accounting software will be utilized throughout the course.

Fee: none Elective/CTE Credit

6503 KEYBOARDING (TSDATAE)

9-12 Semester ½ 4.0

Prerequisite(s): None

Course Description: Improve both your speed and accuracy on the keyboard. Also learn word processing skills that can make projects for other classes much easier.

Fee: none Elective/CTE Credit

6520 BUSINESS INFORMATION MANAGEMENT I (BUSIM1)

9-12 Year 1 4.0

Prerequisite(s): None

Course Description: See Business Management and Administration section.

Fee: none Elective/CTE Credit

see pg 72 PROBLEMS AND SOLUTIONS IN MARKETING AND FINANCE

11-12 Sem / Year ½ -1 4.0/5.0

Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects.

Course Description: See Problems and Solutions course description in the Capstone and Advanced Practice section.

Honors credit may be considered depending on project

Fee: none Elective/CTE Credit

see pg 72 CAREER PREPARATION I & II IN MARKETING AND FINANCE

11-12 Year 3 4.0

Prerequisite(s): Transportation and approved employment

Course Description: See Career Preparation I & II course descriptions in the Capstone and Advanced Practice section.

Fee: none Elective/CTE Credit

***NOTE:** In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS CLUSTER

INTRO CLASSES

**CONCEPTS OF ENGINEERING
& TECHNOLOGY**

9th - 12th
1/2 Credit

P A T H W A Y S

ENGINEERING / MATH

See Prerequisites

**ENGINEERING DESIGN
& PRESENTATION**

10th - 12th
1 Credit

ELECTRONICS

10th - 12th
1 Credit

**PRACTICUM IN STEM
REGULAR & HONORS**

11th - 12th
2 Credit

**ENGINEERING
MATHEMATICS**

12th
1 Credit

SCIENCE

See Prerequisites

**PRINCIPLES OF
TECHNOLOGY**

11th - 12th
1 Credit

**HUMAN ANATOMY &
PHYSIOLOGY - REGULAR
OR HONORS**

11th - 12th
1 Credit

**ADVANCED
BIOTECHNOLOGY - HONORS**

12th
1 Credit

**SCIENTIFIC RESEARCH
& DESIGN
REGULAR & HONORS**

11th - 12th
1 Credit

**PROBLEMS & SOLUTIONS IN
STEM I & II
REGULAR & HONORS**

11th - 12th
1/2 - 1 Credit

**CAREER PREPARATION IN
STEM I & II**

11th - 12th
3 Credits

CAP STONE

AVAILABLE AT EITHER CAMPUS

AVAILABLE ONLY AT AMCHS

AVAILABLE ONLY AT CSHS

REQUIRED PREREQUISITE COURSES

STEM ENDORSEMENT

SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS (STEM) CLUSTER

6743 CONCEPTS OF ENGINEERING AND TECHNOLOGY (CONCENGT)

9-12 Sem 0.5 4.0

Prerequisite(s): None

Course Description: This is an overview course of the interrelationships between the various fields of science, technology, engineering, and mathematics. Upon completion of this course students will have an understanding of the various fields of engineering and technology and be able to make informed decisions regarding a coherent sequence of courses they may take in the future. Students will use a variety of computer hardware and software applications to complete assignments and projects.

Fee: none Elective/CTE Credit

6760 ENGINEERING DESIGN AND PRESENTATION (ENGDSRP)

10-12 Year 1 4.0

Prerequisite(s): Concepts of Engineering and Technology

Course Description: Students will gain knowledge and skills of the process of design as it applies to engineering fields using multiple software applications and tools necessary to produce working drawings, solid model rendering, and prototypes. They will also explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

Fee: none Elective/CTE Credit

6744 PRACTICUM IN STEM REGULAR/ HONORS

11-12 Year 2 4.0/5.0

Prerequisite(s): Engineering Design and Presentation

Course Description: This hands-on project based course is for students interested in continuing their exploration into the world of engineering. Problem solving, communication and teamwork skills will be built on a daily basis as students work through real world situations.

Fee: none Elective/CTE Credit

6770 ELECTRONICS (ELECTRO)

11-12 Year 1 4.0

Prerequisite(s): Engineering Design and Presentation

Course Description: 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.

Fee: none Elective/CTE Credit

3810 HUMAN ANATOMY & PHYSIOLOGY (ANATPHYS)

11-12 Year 1 4.0

Prerequisite(s): Biology; Chemistry

Course Description: Comprehensive study of anatomy and physiology of the human body. An overview of histology, general anatomical terminology, and detailed investigation of all body systems. Major mammalian dissection included.

Fee: none Science/ Elective/CTE Credit

3820 HUMAN ANATOMY & PHYSIOLOGY - HONORS (ANATPHYS)

11-12 Year 1 5.0

Prerequisite(s): Pre-AP Biology; Pre-AP Chemistry

Course Description: Comprehensive study of Anatomy and Physiology with emphasis on histology, terminology, and investigative applications. Major mammalian dissection, suturing techniques, and numerous disorders/diseases reviewed. Enrolled students should be in the health services career path and considering a future in the medical field.

Fee: none Science / Elective/CTE Credit

3830 ADVANCED BIOTECHNOLOGY - HONORS (ADVBIOT)

12 Year 1 5.0

Prerequisite(s): Biology, Chemistry, Physics

Course Description: An introduction to biotechnology including career exploration, history and applications of DNA/RNA technology, molecular biology, bioethics, laboratory operations, management, equipment, instrumentation, quality control techniques and laboratory safety practices. Laboratory practice includes using pH meters, mixing buffers, DNA isolation and extraction, performing measurements, preparing solutions, and performing separatory techniques to specifications.

Fee: none Science / Elective/CTE credit

3510 PRINCIPLES OF TECHNOLOGY – PHYSICS (PRINTECH)

11-12 Year 1 4.0

Prerequisite(s): Two years of Science

Course Description: This hands-on class takes a unique approach to learning physics concepts. Students study the four energy systems through the use of technology and active participation.

Fee: none Science Credit - Physics

2580	ENGINEERING MATHEMATICS (ENGMATH)		
12	Year	1	4.0
Prerequisite(s): 80 or higher in Algebra 2 or completion of AQR or Pre-Cal			
Course Description: Engineering Mathematics is a course where students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.			
Fee: none		Math / Elective/CTE credit	

SCIENTIFIC RESEARCH & DESIGN (SCIRD)			
11-12	Year	1-2	4.0/5.0
Prerequisite(s): 2 Science Credits; Admission committee review*. See Science/CTE Department Chair.			
Course Description: Students will complete an independent research project by collaborating with their instructor and other scientific researchers. At the conclusion of the project the student will present their findings to an audience of professionals.			
Fee: none		Science/ Elective/CTE Credit	

see pg 72	PROBLEMS AND SOLUTIONS IN STEM		
11-12	Sem / Year	0.5-1	4.0/5.0
Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects. See Science Department Chair.			
Course Description: See Problems and Solutions course description in the <u>Capstone and Advance Practice</u> section. Proposal for projects must be submitted before admission to course. Honors credit may be considered depending on project.			
Fee: none		Elective/CTE Credit	

see pg 72	CAREER PREPARATION I & II IN STEM		
11-12	Year	3	4.0
Prerequisite(s): Transportation and approved employment			
Course Description: See Career Preparation I & II course descriptions in the <u>Capstone and Advance Practice</u> section.			
Fee: none		Elective/CTE Credit	

*NOTE: In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.

CAREER AND TECHNOLOGY

ALL CLUSTERS

CAPSTONE AND ADVANCED PRACTICE COURSES

6800 CAREER PREPARATION I FOR ALL CLUSTERS (CAREERP1)

11-12 Year 3 4.0

Prerequisite(s): Transportation and approved employment

Course Description: Get credit while earning and learning on the job and in the classroom. Students will complete employment portfolios, investigate post-secondary education choices, study the rights and responsibilities of the workplace, money management, entrepreneurship, and business etiquette. Students must work a minimum of 15 hours per week in an approved training station in any cluster field. Your supervisor at work and your classroom instructor will be working together to assess your progress. **Student is responsible for own transportation and must obtain approved employment within the first two weeks of school.**

Fee: none

Elective/CTE Credit

6890 CAREER PREPARATION II FOR ALL CLUSTERS (CAREERP2)

12 Year 3 4.0

Prerequisite(s): Successful completion of Career Preparation I;

** Students in work based job or internships will be required to provide their own transportation.*

Course Description: Career Preparation II allows students to continue on a strong career preparation path by combining paid employment with classroom instruction in leadership, management, communication and employability skills. Career Prep II has the same requirements as Career Prep I. A great resume builder!

Fee: none

Elective/CTE Credit

PROBLEMS AND SOLUTIONS FOR ALL CLUSTERS (PROBS1, PROBS2)

11-12 Sem or Year ½ -1 4.0/5.0

Prerequisite(s): Student must gain instructor, counselor, and mentor approval for projects

Course Description: Would you like the opportunity to research a real world problem in a career field that is of interest to you? Then consider tackling the challenge of this course. Students will develop a comprehensive project and work with an instructor and a mentor, from the business/industry/post-secondary community, who will help guide them and assess their progress. At the completion of the project, the student will make a presentation to a panel of experts in the field being addressed.

Students must go through the instructor and cannot request this course on their course request form. Honors credit may be considered depending on project

Fee: none

Elective/CTE Credit

***NOTE:** In indicated Career and Technology courses; Admission Committee Reviews may be conducted when a course requires limited enrollment considerations due to facility space, safety and skills competence, and/or community partnership agreements.

SPECIAL PROGRAMS FOR STUDENTS

9310 - 9370 BLINN/TAMU

11th-12th Year No high school credit

Prerequisite(s): Must have an 80 average - or 3.0 GPA, counselor approval, parental consent, and pass TSIA.

Course Description: Students may take one or two periods for one course or two or three periods for two courses. Students must see their counselor for letter of recommendation to Blinn or TAMU. Must present Blinn /TAMU confirmation letter to counseling office showing schedule and payment.

Fee: Tuition and fees vary.

College Credit

ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)

AVID is an elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Students must apply for entry into the elective. The process includes, but is not limited to, a written application and an oral interview. Grades, STAAR EOC scores, attendance, and behavior records are all reviewed as part of the process. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. Students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. AVID has standards and has been approved as an innovative course with TEKS. The standards increase as the year of AVID increases.

0110 AVID 9TH GRADE

9th Year 1 credit 4.0

Prerequisite(s): Placement in AVID program, agreement to enroll in rigorous courses

Course Description: The 9th grade AVID course will the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions, and use sources to support their ideas and opinions. Students will prepare for college entrance and placement exams, while refining study skills, test-taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and build their knowledge on colleges and careers of interest.

Fee: none

Elective Credit

0130 AVID 11TH GRADE

11th Year 1 credit 4.0

Prerequisite(s): Placement in AVID program and an agreement to enroll in rigorous courses

Course Description: This course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies, and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans. *Honors credit is available for juniors for completion of extra work, including but not exclusive to a Service Learning project, as contracted with the AVID Campus Coordinator and AVID District Director.*

Fee: none

Elective Credit

0120 AVID 10TH GRADE

10th Year 1 credit 4.0

Prerequisite(s): Placement in AVID program, agreement to enroll in rigorous courses

Course Description: Students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase their rigorous course load and school/ community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will also analyze various documents in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their colleges and careers of interest, based on personal interests and goals.

Fee: none

Elective Credit

0140 AVID 12TH GRADE

12th Year 1 credit 4.0

Prerequisite(s): AVID III and agreement to enroll in rigorous courses

Course Description: This AVID course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second year college students. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies, and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in AVID, as well as complete the requirements for the seminar course. *Honors credit is available for seniors for completion of extra work, including but not exclusive to a Service Learning project, as contracted with the AVID Campus Coordinator and AVID District Director.*

Fee: none

Elective Credit

"NO CREDIT" COURSE DESCRIPTIONS

Seniors may have two no credit classes per semester. All other students may have only one per semester.

9110	NO CLASS 1ST PERIOD
9120	NO CLASS 2ND PERIOD
9160	NO CLASS 6TH PERIOD
9170	NO CLASS 7TH PERIOD

12th only	Year	No credit
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Prerequisite(s): Seniors only

Course Description: Only for seniors who wish to be off campus two periods. Periods must be at the beginning or end of each day. A student may not have a 1st period class with 2nd period no class, nor can they have a 6th period no class with an assigned 7th period class.

Fee: none No Credit

9210 STUDENT AIDE -- OFFICE		
9th-12th	Year	No credit

9th-12th	Year	No credit
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Prerequisite(s): Approval

Course Description: Students assist in various office procedures in administration offices.

Fee: none No Credit

9220	STUDENT AIDE--LIBRARY	
11th-12th	Year	No credit

11th-12th	Year	No credit
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Prerequisite(s): Approval of Librarian

Course Description: This position is available for those students who are seriously interested in learning more about library science or pursuing a career in information literacy. Prospective student aides will be expected to pass a written library skills test as well as an interview prior to placement. Only one student is assigned per class period, 1st or 7th periods.

Fee: none No Credit

9230 STUDENT AIDE--COUNSELOR		
11th-12th	Year	No credit

11th-12th	Year	No credit
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Prerequisite(s): Counselor Approval

Course Description: Students assist in various office procedures in the counselor's office.

Fee: none No Credit

9240	STUDENT AIDE--NURSE
11th-12th	Year No credit

11th-12th	Year	No credit
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Prerequisite(s): Nurse Approval

Course Description: This course is designed for those students interested in learning more about first aid or considering some area of the medical field as a career. Students will be taking temperatures, blood pressure, pulse, checking vision and hearing and directing injured students in the care of minor wounds. Students will not be responsible for the care of other students with open wounds, major illnesses, or disease.

Fee: none No Credit

9301-(F) STUDY HALL
9302-(S)

9302-(S) STUDY HALL

Prerequisite(s): Counselor approval

Course Description: Study hall gives the student an opportunity to get homework done during the school day. This is a no credit, supervised classroom setting open to anyone.

Fee: none No Credit

9501-(F) **STUDY HALL/DRIVER EDUCATION**
9502-(S)

9502-(S) STUDY HALL/DRIVER EDUCATION

Prerequisite(s): 15 years of age by the date the course begins

Course Description: Provides in class instruction and hours behind the wheel to enable a student to earn a learner's permit or driver's license. Attend study hall when not in driver's ed. 6th and 7th period only.

Fee: Approximately \$350. No Credit

SPECIAL EDUCATION COURSE DESCRIPTIONS

SPECIAL NOTE: Special Education placement and individual course selections are determined by an Admission, Review and Dismissal/Individual Education Plan Committee (ARD/IEP).

SPECIAL EDUCATION COURSE OFFERINGS: The following is a list of the courses with modified Texas essential knowledge and skills which are taught by special education teachers. All special education courses are taken for credit, as are general education courses.

0207 CAREER INVESTIGATIONS (CAR INV)

9th -10th Year 1 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP

Course Description: This course provides an introduction to the world of work in order to facilitate successful transition planning. Topics focus on combining self-knowledge with career choices through interest inventories and career research. Students are also introduced to job skills, training skills and social skills needed for employability and independent living. This course could include experience with a school-based enterprise, experience in a work center and field trips for career exploration.

Fee: none

Elective Credit

0217 CAREER PREPARATION BLOCK (CAR BLK)

10th -12th Year 2 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course is designed to prepare students for competitive employment and independent living. Topics include productive work habits and attitudes, the process of career planning and employment, the application and interview process and the effects of change in the workplace. The educational setting for this course is the classroom, the campus community and/or training sites in the community.

Fee: none

Elective Credit

0237 CAREER EMPLOYMENT (CAR EMP)

10th -12th Year 2-3 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course is designed to assist students in making a smooth transition from academic pursuits to employment. Students will take previously learned skills from the classroom and apply them by maintaining paid employment while under the supervision of school staff. The level of supervision is to be determined by the ARD committee as are the minimum number of hours of employment to be successful in the program.

Fee: none

Elective Credit

1070 READING IMPROVEMENT (READIMP)

9th -12th Year 1 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: A supportive reading course modified to complement the learning requirement of students whose difficulty in reading significantly impacts their acquisition of knowledge and skills. Students practice using speaking, listening, reading and writing strategies in an integrated reading classroom. This course includes an emphasis on relevant and meaningful applications for reading in today's society, along with learning techniques and test-taking strategies.

Fee: none

Elective Credit

1107 FUNDAMENTALS OF ENGLISH I (ENG 1M)

9th Year 1 credit 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: A modified curriculum that emphasizes skill development in reading, writing, literature, research skills, language, grammar, critical thinking, and cooperative learning and intense focus and preparation for the STAAR EOC English I exam, specifically the expository essay. Major writing forms include description, exposition, persuasion, comparison/contrast, and narrative. In literature the major genres covered include fiction (short stories and novels), nonfiction, poetry, and drama.

Fee: none

English Credit

1207 FUNDAMENTALS OF ENGLISH II (ENG 2M)

10th Year 1 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: A modified curriculum with emphasis on the skills of reading, writing, language usage, grammar, research, and intense focus and preparation for the STAAR EOC English II exam, specifically the persuasive essay. Reading selections will include novels, plays, short stories, poetry, and nonfiction passages from world literature.

Fee: none

English Credit

1307 FUNDAMENTALS OF ENGLISH III (ENG 3M)

11th Year 1 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: A modified curriculum including a chronological survey of religious, philosophical and literary movements in American literature from the 17th to the 20th century. A variety of poetry, essays and short stories will be read. Skills are developed in reading and literary analysis, writing for various purposes, speaking, listening, critical thinking, research techniques, and preparation for standardized tests.

Fee: none

English Credit

1407 FUNDAMENTS OF ENGLISH IV (BASENG4)

12th Year 1 credit 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: A modified curriculum including a chronological survey of religions, philosophical and literary movements in British literature from the Anglo-Saxons to the 20th century. Exposure to major authors, works and themes, focusing on literary analysis and poetry from all major periods of British literature. Emphasis on reading, writing, language usage, literary devices and research skills. Preparation for the world beyond high school is a constant motif.

Fee: none

English Credit

2117	FUNDAMENTALS OF ALGEBRA I (ALG 1M)			
9-10	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified curriculum that introduces the operations and properties of real numbers, variables and equations, linear functions and systems, inequalities, polynomials, factoring and irrational and rational numbers. The use of graphing calculators is incorporated throughout to support the curriculum. Student will prepare for the STAAR Algebra 1 EOC Exam.				
Fee: none				Math Credit

2127	FUNDAMENTALS OF GEOMETRY (GEOMM)			
11	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified curriculum that includes the introduction and basics of plane, solid and coordinate geometry. The class stresses geometric knowledge of physical space, deductive and inductive reason, and the integration of geometry and algebra.				
Fee: none				Math Credit

2137	FUNDAMENTALS OF MMA			
11-12	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified course designed to teach students functional math skills related to everyday living experiences and post secondary goals. Basic concepts in measurements, money and time are emphasized as well as basic math operations.				
Fee: none				Math Credit

2147	FUNDAMENTALS OF ALGEBRA II (ALG 2M)			
12	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified course designed to prepare students of higher level math through study of equations, inequalities and functions. Both algebraic and graphic methods are used in problem solving. Some key topics include linear equations and inequalities, matrices, quadratic functions, exponential and logarithmic functions, rational expressions and rational functions.				
Fee: none				Math Credit

3117	FUNDAMENTALS OF IPC (IPCM)			
9-10	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified curriculum which includes laboratory study and the metric system, measurement, nature of matter, physical and chemical changes, motion and machines, electricity and magnetism, wave motion, light and sound.				
Fee: none				Science Credit

3217	FUNDAMENTALS OF BIOLOGY (BIOM)			
9-10	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified study of cell function, systematic approach to organisms, principles of heredity, taxonomy, ecological principles and an introduction to botany. Biological principles are reinforced by strong lab experience. Student will prepare for the STAAR Biology EOC Exam.				
Fee: none				Science Credit

3317	FUNDAMENTALS OF CHEMISTRY (CHEMM)			
11-12	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified laboratory-oriented course which emphasizes theoretical foundations of chemistry and development of skills in manipulation, acquisition, classification and communications of data.				
Fee: none				Science Credit

3417	FUNDAMENTALS OF PHYSICS (PHYSICSM)			
11-12	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified laboratory-oriented course which emphasizes theoretical concepts of physics and development of skills in manipulation, acquisition, classification and communications of data.				
Fee: none				Science Credit

4007	FUNDAMENTALS OF WORLD HISTORY (W HISTM)			
9-10	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified study of history and the development of a variety of world cultures – past and present. Provides a basis for comparison of various ways of life and cultural patterns and an understanding of the manner in which these patterns occurred over time.				
Fee: none				Social Studies Credit

4107	FUNDAMENTALS OF WORLD GEOGRAPHY (W GEOM)			
10	Year	1	3.0	
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation				
Course Description: A modified exploration of our world through investigation of physical and human geography. Students use geographic concepts to study specific nations and regions with an emphasis on understanding interactions between humans and their environment.				
Fee: none				Social Studies Credit

4217 FUNDAMENTALS OF US HISTORY (US HISTM)
 10-12 Year 1 3.0
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation
Course Description: A modified study of significant people, issues and events through an investigation of authentic documents, art and music. Course will briefly review Revolutionary and Civil War eras, but will focus on Reconstruction to the present. Student will prepare for the STAAR US History EOC Exam.
 Fee: none Social Studies Credit

4318 FUNDAMENTALS OF US GOVERNMENT (USGOVM)
 11-12 Year ½ 3.0
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation
Course Description: A modified look at political heritage, comparative political systems, the Constitution, civil liberties and civil rights, the three branches of government, Texas and local government, law and criminal procedures, political parties, campaigns and the responsibilities of citizenship.
 Fee: none Social Studies Credit

4339 FUNDAMENTALS OF ECONOMICS (ECONM)
 11-12 Year ½ 3.0
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation
Course Description: A modified program to promote a general understanding of US Economic activities, the basic differences between capitalism, socialism, and communism, the influence by U.S. ideals of democratic government, laws, customs, and institutions on free enterprise and familiarization with basic economic terms.
 Fee: none Social Studies Credit

9867 STUDY SKILLS IN BEHAVIOR 1 (VMAPS1)
9877 STUDY SKILLS IN BEHAVIOR 2 (VMAPS1)
9887 STUDY SKILLS IN BEHAVIOR 3 (VPATHCC3)
9897 STUDY SKILLS IN BEHAVIOR 4 (VPATHCC4)
 9th-12th Year 1 credit 3.0
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation
Course Description: Designed to assist students with strategies that will, when applied consistently, aid the students' successes in the classroom. Organizational skills are emphasized as students develop practical approaches to studying, completing assignments, addressing homework and facilitating increased self-responsibility for classroom activities. Study habits are monitored and social skills are taught.
 Fee: none Elective Credit

1107L APPLIED ENGLISH I (ENG 1T)
1207L APPLIED ENGLISH II (ENG 2T)
1307L APPLIED ENGLISH III (ENG 3T)
1407L APPLIED ENGLISH IV (ENG 4M)
 Gr. 9-12, 18+ Year 1 credit 3.0
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation
Course Description: Applied English will assist students in developing skills in the areas of expressive, receptive, written and/or symbolic representations of language. Attention is given to the ability to communicate effectively within the range of the student's abilities (direct or through assisting devices). Students will integrate language in order to understand oral, written and/or symbolic communication. Oral, written and/or symbolic language will be used to express ideas, demands and needs, and to make inquiries. Communication will be examined in regard to social appropriateness, environmental cues and prompts, understanding generalizations in a real life context, the responsibilities of independent living, and skills that relate directly to employment. Communications will explore job related language use as seen in employment services, interview skills, interpersonal skills, job search and the application process.
 Fee: none English Credit

2117L APPLIED ALGEBRA 1 (ALG 1T)
2127L APPLIED GEOMETRY (GEOMT)
2137L APPLIED MMA (MMA M)
2147L APPLIED ALGEBRA 2 (ALG 2T)
 Gr. 9-12, 18+ Year 1 credit 3.0
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation
Course Description: Designed to reinforce math operations using a variety of practical, real life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on basic operations using money, measurement, and time in common home, family, and work related environments.
 Fee: none Math Credit

3117L APPLIED IPC (IPCM)
3217L APPLIED BIOLOGY (BIOT)
 Gr. 9-12, 18+ Year 1 credit 3.0
Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation
Course Description: Science based concepts related specifically to independent daily living and employment. Attention is given to relating science to home and job practices that foster the understanding of students' roles and responsibilities in the care and operation of both facilities. Activities are "hands-on" experiences with an emphasis on cooperative learning strategies
 Fee: none Science Credit

4107L	APPLIED WORLD HISTORY (W HISTT)
4127L	APPLIED WORLD GEOGRAPHY (W GEOT)
4217L	APPLIED U.S. HISTORY (US HISTT)
4318L	APPLIED U.S. GOVERNMENT (1/2 CREDIT) (USGOVM)
4339L	APPLIED ECONOMICS (1/2 CREDIT) (ECONM)

9-12, 18+ Year 1 credit 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: Defines the rights, privileges and responsibilities of students within their school, community and employment settings. Concepts include voting, laws, consequences of unlawful behavior, honesty, integrity, community volunteerism, rules and situations, including employment. Students will become familiar with the basic concepts of personal responsibility as related to employability and/or being a productive, contributing member of a business, community and/or organization.

Fee: none Social Studies Credit

5013L PERSONAL HEALTH (HLTHM)

9-12, 18+ Year 0.5-1 credit 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: Relates individual health and hygiene practices to issues of wellness, disease prevention, interpersonal skill enhancement, and the obtainment and maintenance of employment. Students will increase awareness of the concepts of human growth and development, diet, exercise, emergency and first aid, and daily hygiene practices as each relates to a healthy lifestyle.

Fee: none Health/Elective Credit

1813L SPEECH--PERSONAL/SOCIAL SKILLS (VCOMMAPP)

9-12, 18+ Year 0.5-1 credit 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: Emphasizes interpersonal skill development. Particular attention is placed on the skills of greeting, responding to authority, interpersonal appropriateness, problem solving and conflict resolution within a situational context. Use of appropriate techniques is monitored through a variety of instructional settings including home, school, job and other settings available in the community. Skills of verbal and non-verbal communication, appropriate physical contact and body language, expression of anger or disagreement, reporting inappropriate behaviors of others, and the ability to develop trust and work cooperatively are introduced and frequently reinforced.

Fee: none Elective Credit

9870

9880

9890

LIFE SKILLS-ACTIVITIES OF DAILY LIFE

9917 (ADL1,2,3,4,5,6,7)

9957

9987

9977

9-12, 18+ Year 1-7 credits 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: Developed to integrate the domestic, recreation, leisure and school community domains. Students investigate, through activity based sessions, a variety of activities associated with the daily living experience. Students will study areas of: cooking, safety, leisure, responsibilities, budget, time management, first aid and communication. Personal safety and responsibility will be examined in response for taking care of one's self, others and/or pets. Health care, transportation, telephone skills and appropriate recreation activities are addressed. Students will experience strategies to respond to potential emergencies that may appear in the process of daily living.

Fee: none Elective Credit

9880L

9890L VAC--LIFE SKILLS (VOCEX1)

9917L

9-12, 18+ Year 1-3 credits 3.0

Prerequisite(s): Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: Assists students in making a smooth transition from academic pursuits to employment. Students will examine the relationship between what is learned in the classroom and how these skills are applied on the job. Investigations are made in the areas of: job skills and interests; the application and interview processes; understanding the job experience; quality employability skills; job performance evaluations; job training; employment policies; procedures, rights and responsibilities; positive, productive work experiences; work ethic and job attitudes; co-worker, supervisor and customer relationships; safety; decision making; fiscal responsibility; corrective feedback or criticism; and collaboration.

Fee: none Elective Credit

