



Whitehouse High School Course Selection Guide 2014-2015

DRAFT Pending Board Approval

Cover designed and created by Claire Hendricks, WHS Class of 2016.

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HIGH SCHOOL ADMINISTRATION

Principal.....	Jonathan Campbell
Dean of Student Services.....	Dan McMullen
Career and Technical Education Director	Leanne Jamison
Assistant Principal.....	Jennifer Bridges
Assistant Principal.....	Missy Gimble
Assistant Principal.....	Joe Williford

COUNSELORS

Lead Counselor.....	Gayla Byrd
Counselor	Jinny Harris
Counselor	Latoya King
Counselor	Larry Murphey

HIGH SCHOOL TELEPHONE DIRECTORY

Main Office	903-839-5551
Counseling Office.....	903-839-5551 extension 5230
Registrar.....	903-839-5551 extension 5231
Attendance	903-839-5551 extension 5220
Library.....	903-839-5551 extension 5240
Cafeteria.....	903-839-5551 extension 5255
Athletic Director.....	903-839-5551 extension 5481
Drill Team	903-839-5551 extension 5496
Band Hall.....	903-839-5551 extension 5491
Transportation.....	903-839-5570
CTE Office.....	903-839-5544

DISTRICT WEBSITES

Whitehouse ISD.....	http://www.whitehouseisd.org/
WHS Counselors Corner.....	http://www.whitehouseisd.org/hs/index.php/counselor-s-corner/

WHITEHOUSE HIGH SCHOOL MISSION

Its staff, students, parents and community are committed to developing individuals who will become integral members of our global society. To this end, we will promote academic excellence by fostering a safe environment that nurtures success, maximizes achievement and encourages responsible service to others.



ASSURANCE OF NONDISCRIMINATION

The Whitehouse Independent School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following persons have been designated to handle inquiries regarding the non-discrimination policies:

Betty Lough Executive Director of Curriculum and Instruction
(ADA/Section 504 Coordinator)

Doris Pitts Executive Director of Special Programs
(Title IX Coordinator)

Daniel DuPree Superintendent
(All other anti-discrimination laws)

All may be reached at: 106 Wildcat Drive, Whitehouse, Texas 75791
903-839-5500

SUCCESS IN HIGH SCHOOL

Planning a four-year school program is a serious undertaking. The WHS Course Selection Guide is designed to assist you in making informed decisions regarding your education. Although many of your courses will be determined by the graduation plan selected, you will still have many other choices to make during your years of high school. The courses you select will be guided largely by your plans for the future. Will you continue your education in college or in a trade or technical school? Do you want to learn a career skill in order to enter the full-time work force immediately after school? Are you interested in a technical field? Are you thinking of entering a profession which requires years of specialized education? The answers to these questions are extremely important for making decisions about your course selections. Your interests and abilities should also guide these answers.

All students entering Grade 9 at Whitehouse High School after August, 2014 will be required to graduate on the Distinguished Achievement High School Plan, unless otherwise exempted by a committee of school officials and parents of the student. Students who intend to enroll in our most rigorous courses may want to obtain Performance Acknowledgements. These may be earned for outstanding performance in a dual credit course, in bilingualism and biliteracy, on an AP test, on the PSAT, the ACT-Plan, the SAT, or the ACT, for earning a nationally or internationally recognized business or industry certification or license. A more detailed explanation can be found in the *Graduation Requirements* section of this guide.

It is common for young people to change their minds about which career to choose. For this reason, it is important for you to plan as challenging an endorsement as you can. If your career plans should change, then it will not be as difficult to move into another endorsement. While it may sometimes seem tempting to schedule a less demanding combination of courses, choosing courses that meet your needs or interests is the best way to prepare for your future. By planning wisely, you can create the future most appropriate for you.

PREFACE

The Whitehouse High School Course Selection Guide reflects the many changes in Texas Education. As a result, some of the information pertains to all WHS students, and some pertains only to certain classes. Please read the information in this catalog carefully especially the sections which pertain to graduation requirements.

The courses listed in the WHS Course Selection Guide are those that are offered to students at the time of spring registration. The number of requests and availability of qualified teachers in specific courses determine whether or not a course will be taught in the following year.

A great deal of time is invested in the registration and scheduling process. Teacher assignments, the master schedule and class sizes are dictated by the courses that students sign up for in the spring. For these reasons, **no changes will be allowed unless they are deemed necessary by the school.**

Some decisions by the Texas Education Agency happen quickly or during the summer. Any changes which affect our students will be explained in writing to our parents through communications from the principal's or guidance offices.

GRADUATION REQUIREMENTS

To meet credit requirements for graduation, Texas students may choose:

- Foundation High School Program
- With One or More Endorsements by successfully completing:
 - A coherent sequence of courses for four or more credits in one of the following five clusters:
 1. Arts and Humanities
 2. Business and Industry
 3. Public Service
 4. STEM (Science, Technology, Engineering and Mathematics)
 5. Multidisciplinary Studies
 - Four credits in mathematics
 - Four credits in science
 - Two additional Endorsement Courses or Electives
- With Distinguished Level of Achievement by successfully completing:
 - One or more Endorsements
 - Four credits of mathematics must include Algebra II
- With Performance Acknowledgment by successfully completing:
 - at least 12 hours of college academic courses with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or
 - all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80
 - proficiency in two or more languages maintaining a minimum grade point average (GPA) of the equivalent of 80
 - proficiency for Level IV or higher in a language other than English maintaining a minimum grade point average (GPA) of the equivalent of 80
 - a score of 3 or above on a College Board Advanced Placement examination
 - qualification as a commended scholar by the National Merit Scholarship Corporation
 - a combined critical reading and mathematics score of at least 1250 on the SAT®
 - a composite score on the ACT® examination of 28 (excluding the writing subscore)
 - a nationally or internationally recognized business or industry certification

PERSONAL GRADUATION PLAN

FOR STUDENTS WHO ENTERED HIGH SCHOOL AUGUST 2014 OR LATER

9th Grade	10th Grade	11th Grade	12th Grade
English I Pre-AP English I;	English II; Pre-AP English II	English III; AP English III	Advanced English: English IV; AP English IV; Literary Genres; Creative Writing; Public Speaking III; Oral Interpretation III; Debate III; Ind. Study in Journalism; Advanced Journalism: Newspaper III; Advanced Journalism; Yearbook III; Business English
Algebra I	Geometry; Pre-AP Geometry	Mathematical Models; or	Advanced Math: Algebra II Precalculus; Pre-AP Precalculus; Independent Study In Math; Engineering Mathematics; Calculus I; AP Statistics; AP Calculus AB
		Algebra II; Pre-AP Algebra II	
Biology; Pre-AP Biology	Integrated Physics & Chemistry; Chemistry; Pre-AP Chemistry;	Advanced Science: Chemistry; Physics; Astronomy; Earth and Space Science; Environmental Systems; Advanced Animal Science; Advanced Plant & Soil Sci; Anatomy and Physiology; AP Biology; AP Chemistry; AP Physics 1: Algebra-Based; AP Physics 2: Algebra-Based; AP Physics C: Calculus-Based	Advanced Science: Chemistry; Physics; Astronomy; Earth and Space Science; Environmental Systems; Advanced Animal Science; Advanced Plant & Soil Sci; Anatomy and Physiology; AP Biology; AP Chemistry; AP Physics 1: Algebra-Based; AP Physics 2: Algebra-Based; AP Physics C: Calculus-Based

World Geography; Pre-AP World Geography	US History; Pre-AP United States History; AP United States History	World History; AP World History	US Government; AP US Government; Economics
Endorsement Course / Elective	Endorsement Course	Endorsement Course	Endorsement Course
PE; Athletics; Drill Team; Marching Band; Cheerleading	Fine Art: Drill Team I; Art; Dance; Music Choir; Music Band; Theatre	Endorsement Course	Endorsement Course / Elective
College and Career Exploration / Health	Languages Other Than English Spanish I; French I; American Sign Language I	Languages Other Than English Spanish II; French II; American Sign Language II	Endorsement Course / Elective
Professional Communications (Speech)	Technology: Business Info Mgmt. Info I; Digital Interactive Media; Web Technologies; Principles of Info Tech	Endorsement Course / Elective	Endorsement Course / Elective
Foundation Requirement 24.5 Credits	Endorsement Requirements 28.5 Credits	Distinguished Achievement 28.5 Credits	Endorsement Course / Elective

ADDITIONAL REQUIREMENT

All students must meet the Level II (Satisfactory) on the State of Texas Assessments of Academic Readiness (STAAR) end-of-course assessments for English I, English II, Algebra I, Biology and U.S History.

State Assessments

STATE TESTING DATES 2014 – 2015

Grades 9-12

(Updated 2/12/2014) (Dates subject to change)

<http://www.tea.state.tx.us/student.assessment/calendars/>

December 2 (Tuesday)	STAAR English I
December 3 (Wednesday)	STAAR English II
December 5 (Friday)	STAAR English Make-up Sessions deadline
December 1-December 5	STAAR Assessment Window: Algebra I, Biology, US History
March 16 – April 8	TELPAS Window
March 30 (Monday)	STAAR English I
March 31 (Tuesday)	STAAR English II
April 3 (Friday)	STAAR English Make-up Sessions deadline
May 4-May 8	STAAR Assessment Window: Algebra I, Biology, US History
July 7 (Tuesday)	STAAR English I
July 8 (Wednesday)	STAAR English II
July 6-10	STAAR Assessment Window: Algebra I, Biology, US History

PERSONAL GRADUATION PLANS AND REGISTRATION PROCESS

It all starts with a plan. To make your way from the here and now to career success and satisfaction in the future, it helps to map out the steps that can take you where you want to go. This book will give you an idea of what that map can look like and explain the new and exciting tools available to you in WHS to help you find your way. What Do You Like to Do? To find out where you want to go with your life, you need to know where you are right now. What do you like to do for fun? Play basketball, build things, or go to the library and read? Hang out with a bunch of friends, or have a quiet talk with just one person you feel close to? Be the center of attention, or watch someone else put on a show? Certain written tests called “interest inventories” can help you pinpoint your interests. WHS utilizes Career Cruising. Your school counselor can help you find out more about these and other interest inventories. Of course, what you like to do has to do with what you do best, so pay attention to which classes you do well in and what things you do skillfully outside school. Using Career Cruising’s interest and skills assessments, career profiles, and interviews with real people in different occupations, students prepare to complete a Personal Graduation Plan (PGP) online for their educational and career future.

The Fish Fair in April of your eighth grade year gives you and your parents a chance to learn about the numerous opportunities that WHS offers. Additionally, parents will receive important information regarding their student’s PGP and the WHS registration process.

Following the Fish Fair, parents and students will draft a proposed PGP complete with an Endorsement AND course requests for the upcoming 9th grade school year.

WHS uses the Career Cruising tool for online career exploration and planning. Students may store their best classroom work and scan artwork in the My Documents section of the PGP, take interest inventories and save the results; document their work experience, extracurricular activities, and hobbies; and create and update their resumé. Perhaps most important, the PGP Education Tool allows parents and student to lay out a plan for their high school education. This makes the PGP their own up-to-date, revisable blueprint for career preparation.

The week following Fish Fair Counselors will work with students during classes to enter their PGP and course requests. Course requests will be finalized at this time.

A great deal of time is invested in the registration and scheduling process. Teacher assignments, the master schedule and class sizes are dictated by the courses that students sign up for in the spring. For these reasons, no changes will be allowed unless they are deemed necessary by the school.

Criteria for Requesting Schedule Changes

Schedule changes that are deemed necessary must follow the following steps.

1. Obtain Schedule Request Change form from the Counseling Office
2. Student and parent complete appropriate portions including signatures
3. Student attains teacher signatures
4. Student returns form to their Counselor to be processed
5. Counselor presents request to the appropriate Administrator for final approval/denial

Any schedule change requests must occur within two weeks after the first and fourth six-weeks grading period. After that point, a student will remain in the class for the remainder of the semester.

ADVANCED ACADEMIC PROGRAMS

Earning College Credit While at WHS

Juniors and seniors have many opportunities to earn college credit while in high school. These include dual credit, early admissions, AP exams, and articulated courses. For dual-credit or early admissions, the parent or student is responsible for paying for all college tuition and fees.

Parents and students are also responsible for contacting the approved college after picking up a dual credit contract from the counseling office. Also, students must pass the Texas Success Initiative (TSI) or be TSI-exempt based on SAT, PSAT or ACT scores PRIOR to enrolling in the course. Students and parents should be aware that schedule conflicts between off campus courses and those offered at WHS may result in the students having to make a choice between the two.

Dual Credit

Dual credit is enrollment in college classes through an approved college for credit in both high school and college. These classes are taken either on the WHS campus or the approved college campus. Dual credit from colleges or universities is also accepted if prior arrangements and a dual credit contract has been submitted to the counseling office. Students enrolling in dual credit courses must meet honors criteria in that subject.

On-Campus Dual Credit Courses

- Art (TJC 1301 [3 hrs])
- Calculus I (TJC 2413 [4 hrs])
- English III (TJC 1301 and 1302 [3-6 hrs])
- English IV (TJC 2332 and 2333 [3-6 hrs])
- Spanish (TJC 1411 and 1412 [4-8 hrs])
- Statistics (TJC 1342 [3 hrs])

NOTE. Five (5) points will be added to each semester average for class ranking purposes. No points awarded if student fails to complete course, i.e. schedule change, dropping from AP to on-level course.

Off Campus Dual Credit (12th grade only)

- American Sign Language
- Economics (Micro AND Macro)
- English IV
- Spanish
- Texas Government (TJC 2306 [3 hrs])
- United States Government (TJC 2305 [3 hrs])

Other options may be available. All dual credit courses require Counselor approval.

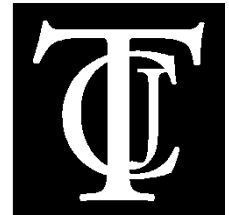
NOTE. Five (5) points will be added to each semester average for class ranking purposes. No points awarded if student fails to complete course, i.e. schedule change, dropping from dual credit to on-level course.

On-Campus College Credit Only

- College Algebra (TJC 1314 [3 hrs])

Steps to Take TSI Test at TJC Testing Center

1. Complete a TJC Admissions application
2. Complete the TSI Pre-Assessment BEFORE scheduling to take the TSI:
 - Go to <http://www.tjc.edu/testing>
 - Scroll down and on the right side of screen, click on TSI Assessment
 - This will bring up the testing requirements and related pages
 - The TSI Pre-Assessment activity is required
 - Take Pre-Assessment printout to test center for the TSI
3. Have a photo ID
4. Cost: \$35
5. TSI Scores will be immediately available once they are done.



TYLER JUNIOR COLLEGE										
TSI Assessment	335 or below	336-342	343-349	SAT 500-680	ACT 19-25	SAT 690 +	ACT 26 +	SAT 720 +	ACT 29 +	Advanced Math Placement Test 103+
				College Ready 350+		Advanced Math Placement Test 86-94		Advanced Math Placement Test 95-102		
Math Placement	DMTH 0301 DMTH 0311 (ABE)	DMTH 0302 DMTH 0312 DMTH 0322	DMTH 0303 DMTH 0313 DMTH 0323 MATH 1414 MATH 1332* MATH 1333*	MATH 1314 MATH 1342 MATH 1316 MATH 1324		MATH 1350 MATH 1351 MATH 2412		MATH 1325		MATH 2413
				4		4		4		
TSI Assessment	Essay Sentence Skill	2, 3, or 4 349 or below	WRIT 0311 (ABE)	WRIT 0312		College Ready		*Students may opt to take MATH 1332 or 1333 if their major does not require readiness for college algebra (MATH 1314).		
				4		4				
Writing Placement	TSI Assessment	341 or below	341 or below	JNRW 0312**		351 or higher		**If a student places into the final level of developmental Writing and Reading, then they may opt to take the Integrated Reading and Writing course in order to become college ready in both areas.		
				342-350		College Ready				
Reading Placement	WRIT 0311 (ABE)	READ 0311 (ABE)	READ 0312	College Ready		***Automotive, Welding Technology, and HVAC students are required to pass the Bennett before they register for classes.				
				College Ready						
~ NCBO Recommendations	TSI	Course Placement	***BENNETT MECHANICAL TEST							
			Passing: 42+							
			Not Passing: 0 - 41							
Students who are exempt from testing based on TAKS are considered TSI complete and may enroll into college level courses, including math.										

Check the Whitehouse High School Course Selection Guide for enrolling in Dual Credit or College Credit Only courses available at the WHS campus and/or on the TJC campus.

Check the TJC website for College Credit registration deadlines, fees, courses, etc. at:

<https://www.tjc.edu/>.

High school students must meet honors criteria and have a signed dual credit permission form from their counselor BEFORE THEY CAN REGISTER for any dual credit or college credit classes at WHS or at TJC, along with a copy of the high school transcript, TSI or exempt scores, and TJC admissions application.

Early Admissions

Seniors with at least 19 credits and an overall average of 80 or better may enroll in approved classes at an approved college for college-credit only. Seniors are given up to three free periods to travel to an approved college and take the course depending upon course availability.

Honors Courses and Advanced Placement Program

The Advanced program offers students the opportunity to take Advanced Placement (AP) courses and exams while still in high school. The Honors program offers students the opportunity to take Pre-Advanced Placement (Pre-AP) courses to channel students into the AP courses and designated Honors courses. The Pre-AP and AP courses are taught by highly qualified high school teachers who use the Pre-AP and AP Course Descriptions to guide them. Every student at the high school has the opportunity to take an AP exam that can award college credit, based on the score of the exam. Scores range from 1 – 5 and students who score a 3 or better can receive college credit through most colleges and universities.

- 1 – No Recommendation
- 2 – Possibly Qualified
- 3 – Qualified
- 4 – Well Qualified
- 5 – Extremely Well Qualified

Criteria for Admission into the Honors and Advanced Program:

To be eligible for entrance into the Honors, Pre-AP/AP program, a student must meet two of the three criteria below:

1. 80 average in a previous related non-honors class.
2. 90th percentile on a norm-referenced test (NRT) or met state standard on a state assessment instrument in the related areas.

3. A recommendation from the teacher of the previous related non-honors program class.
4. Under special circumstances, a student who meets only one criterion may enter into a contract for the Honors/Pre-AP course with approval from the campus principal.

Criteria for Exiting from the Honors and Advanced Program:

Dropping from Pre-Advanced Placement and Advanced Placement (AP) classes will not be considered until the end of the first six-weeks grading period. Any approved schedule changes will only occur within two weeks after the first and fourth six-weeks grading period. After that point, a student will remain in the class for the remainder of the semester. If a student drops an AP or Pre-AP class at the semester and thereby does not complete the course, he or she will receive NO AP or Pre-AP weighting for the year.

Honors Courses

A student enrolled in an honors, pre-AP/AP class may gain weighted credit with a course average of 70 or higher. Students who do not earn a final grade of 70 will not receive credit for the course and are discouraged from continuing in the Pre-AP/AP program.

Honors Credit Subject Areas

- Algebra I, II (PreAP)
- Anatomy & Physiology (Honors)
- Art History (Honors)
- Art Portfolio (PreAP)
- Biology (PreAP)
- Chemistry (PreAP)
- Debate (Honors)
- Dual Credit Enrollment
- English I, II (PreAP)
- French III (PreAP)
- Geometry (PreAP)
- Precalculus (PreAP)
- Spanish III (PreAP)
- Speech (Honors)
- Texas Government (Honors)
- UIL (Honors)
- World Geography (PreAP)
- Yearbook (Honors)

NOTE. Five (5) points will be added to each semester average for class ranking purposes. No points awarded if student fails to complete course, i.e. schedule change, dropping from AP to on-level course.

Advanced Placement Program Exams

Advanced Placement (AP) courses are rigorous classes built upon a strict, college-level curriculum. AP classes are offered in a variety of subjects at WHS for students, starting at the sophomore level. Each May, WHS administers AP exams to students choosing to register for this opportunity. College credit can be awarded to students who do well on these exams. Parents and students should note that each college and university will create its own “passing standard” for these exams. AP exams are administered in May, 2015. Contact your counselor for more

information.

Advanced Courses

- AP Art
- AP Biology
- AP Calculus
- AP Chemistry
- AP English IV (Eng Comp. & Eng Lit)
- AP English III (Language and Composition)
- AP French IV
- AP Government
- AP Human Geography
- AP Macro Economics
- AP Micro Economics
- AP Physics
- AP Spanish IV
- AP Statistics
- AP U.S. History
- AP World History
- AP/Dual Combination Courses

NOTE: Ten (10) points will be added to each semester average for class ranking purposes. Availability of AP classes is dependent upon enrollment. No points awarded if student fails to complete course, i.e. schedule change, dropping from AP to on-level course.

Career and Technical Education

Articulated Classes

Advanced Technical Credit (ATC) - Statewide-Articulated courses are available through the Career and Technical Education Department at Whitehouse High School. These content-enhanced high school courses are substantially equal to the indicated introductory-level college courses. Below are some of the criteria from the ATC Program Agreement:

These classes will be accepted for college credit by all Junior and Community Colleges that participate in the ATC program AND offer the course. Four-year universities do not usually participate in the ATC program and will not accept the articulated credit towards a four-year university degree.

- There will be no initial charge for this class. ATC programs are offered free for students.
- Students must successfully complete the course with a grade of 80 (3.0) or better.
- If multiple courses and/or prerequisite courses are noted in the ATC Program Crosswalk, a student must also successfully complete these course(s) with a grade of 80 (3.0) or better.
- Students should complete the course as a junior (grade 11) or senior (grade 12). Or, if the course is part of an ATC-designated course sequence, the final course in the sequence

should be taken as a high school junior or senior.

- The student enrolls in a participating college within 15 months of high school graduation (a college may extend this time line).

More information is available at <https://www.atctexas.org>.

ATC Articulated Courses Available at WHS 2014-2015

- | | |
|---------------------------------------|-----------------------------------|
| • Accounting I | • Health Science |
| • Accounting I and II | • Horticulture |
| • Advanced Welding | • Interior Design |
| • Architectural Design | • Landscape |
| • Business Information Management 1 | • Lifetime Nutrition and Wellness |
| • Business Information Management 2 | • Money Matters |
| • Culinary Arts | • Principles of Architecture |
| • Engineering Design and Presentation | • Principles of Business |
| • Equine Science | • Principles of Health Science |

How to Claim Your Articulated Credit

To receive Articulated credit, the student must:

- receive a grade of 80 or above in the high school course.
- enroll in a participating college.
- declare a college major in a Career and Technical Education program of study.
- apply for high school ATC classes to be posted to the student's college transcript.
- claim credit anytime between high school graduation to completion of 12 college credit hours.

Courses That Do Not Receive Credit

- PE beyond 4 Credits
- College Algebra
- Non-Academic Class or Position
- Student Aide
- Cheerleading beyond 1 Credit

National Honor Society

In accordance with the National Honor Society Constitution, candidates for membership must have an overall average of 93 percent. Candidates may be eligible for inductions beginning the fall of their sophomore, junior or senior years based on cumulative GPA. Other criteria for consideration will include citizenship, leadership and service.

National Technical Honor Society

The selection process for new National Technical Honor Society members begins in the fall semester of each school year. Juniors and seniors with a minimum overall GPA of 3.2 or higher for all completed high school credits and a recommendation from an advisor from a Career and Technical Education Student Organization may be considered for membership. Candidates must meet qualifications in the areas of scholarship, leadership, service, character, and citizenship.

CREDITS, GRADES AND GRADE POINTS

Student Classification

Grade level classification is based upon the number of credits a student has at the beginning of the fall semester of the school year. Student classification will remain the same throughout the school year. Classification is as follows:

9th grade entry on or after August 2014:

Sophomore - 6 credits earned

Junior - 12 credits earned

Senior - 18 credits earned

Early Graduation

If a student would like to apply for Early Graduation, he/she must do so prior to the end of the 1st semester of their 11th grade year. Early graduation requires a contract with a personal graduation plan developed with the student, the parent and the counselor.

Credit by Exam (CBE)

CBE with Prior Instruction:

Students who have taken and failed a course during a regular academic year will be able to take a CBE if their failing grade was between 60 and 69. If credit was denied due to excessive absences, the student may also attempt to receive credit through CBE after following the proper guidelines. A minimum grade of 70 must be made on the exam in order to receive credit. The credit will be indicated by pass/fail and will not impact GPA. If a student fails the CBE, he/she will not be able to retest for credit in that subject and must either repeat the course during an academic year or take summer school. Students are required to pay the cost for the test for each semester credit being attempted. For further information, contact the counseling office by progress report of the sixth six weeks.

CBE for Acceleration Without Prior Instruction:

Students wanting to receive credit for a course without having prior instruction can test through CBE. If a student fails to make the minimum grade of 80, he/she will not be allowed to retest during the following testing period. A student must make an 80 or above on both semester tests in order to receive full credit in a full year course. A numeric grade will be indicated on student's transcript and will not impact GPA. In other words, a student wanting to test for English II

credit must take both the first and second semester exams and make 80 or above on each one. If the student passes only one semester of a full year course, then the other semester credit must be completed through regular classroom instruction, or through a school-approved correspondence course in which the student is responsible for registration and payment of fees. See counselor for information.

Whitehouse ISD has established four Credit by Exam testing dates:

Region 7	June 25, 26 & 27, 2014	3-12	8:30 am & 1:00 pm
Region 7	July 7, 8, & 9, 2014	3-12	8:30 am & 1:00 pm
WISD	November 18 & 19, 2014	K-12	8:30 am & 1:00 pm
WISD	January 13 & 14, 2015	K-12	8:30 am & 1:00 pm

Correspondence Courses / Virtual School

Students may receive credit for WHS courses by taking a correspondence course via the Internet through a program called SUPERNet Virtual High School. Currently, SUPERNet is offering numerous courses online. To view all the course offerings, go to the web link <http://vhs.sprnet.org/moodle/course/index.php>.

The classes are taken outside of the school day. Each student enrolling will be charged a fee of \$52.00 per course. Students are limited to two courses per semester. This amount will be reimbursed to the student if the course is completed according to the contract. These courses require counselor approval. **Currently courses that require an STAAR EOC exam will not be approved.**

The state of Texas is also offering online courses through the Texas Virtual School Network or TxVSN. SUPERNet is represented on the advisory board for TxVSN. SUPERNet is also one of the course providers for TxVSN. To enroll in any Virtual School classes, you must be registered by the TxVSN Site Coordinator.

Texas Tech University Extended Studies

For a fee, students may order courses through Texas Tech for WHS credit.

Edgenuity

Edgenuity is a credit recovery program designed to allow students to accrue credits toward graduation. It is a self-paced program with minimum instructional designs. Contact the counseling office, if you need more information about Edgenuity or other types of credit accrual opportunities. STAAR EOC remediation are also available at no cost to the student.

GPA/Class Ranking

All courses on the student's transcript shall be included in determining a student's class ranking except for credit by examination, correspondence courses, state-mandated assessment and STAAR classes, remediation courses, student aides, and any physical education credit or equivalent beyond the first two credits. Any high school credited course taken prior to the ninth grade shall be included in class ranking. Because the content does not comply with TEKS/STAAR reporting categories for the given subject, special education classes shall receive a numerical value of one when calculating a student's class ranking. EIC (LOCAL)

Courses taken in Edgenuity and summer school for remediation shall be awarded credit on a pass/fail basis. The grade earned during the regular term shall be entered to calculate the student's grade point average and class ranking.

If a student enrolls from other school alpha grades, the following numerical equivalents will be applied.

A+98	A..... 95	A-92
B+.....88	B..... 85	B-.....82
C+78	C..... 75	C-72
D+68	D 65	D-62
F60		

Grade Point Average (GPA)

In calculating a student's grade point average, the following scale will be used:

A	90 - 100
B	80 - 89
C	70 - 79
F	0 - 69

Senior GPA is determined at the end of the 5th Six Week Grading Period for determining awards.

Valedictorian/Salutatorian/Historian:

The valedictorian, salutatorian, and historian shall be the eligible students with the highest, second highest, and third highest ranking, respectively. To be eligible for such recognition, a student must:

1. Have been enrolled in the District high school for the final four semesters of his or her high school career;
2. Have completed the Foundation High School Program with Distinguished Level of

- Achievement and a minimum of four Performance Acknowledgments;
3. Completed a minimum of five honors credits, five advanced credits, or any combination of the two.

Honor Graduates:

Any student who successfully completes five Honors/Pre-AP credits or five Advanced Placement (AP) credits or any combination of the two and has a 90 or better weighted average shall be an honor graduate at the final graduation ceremony. EIC (LOCAL)

Weights

Grade weights shall be assigned to grades earned by high school students for purposes of class ranking, in accordance with the following scale:

<u>Course</u>	<u>Weight</u>
Advanced Placement (AP)	+10
AP/Dual Credit Combination	+10
Pre-AP and Honors.....	+ 5
Dual Credit (Not AP) (at TJC or WHS).....	+ 5

Weights are applied at the end of each semester. EIC(LOCAL)

COLLEGE AND UNIVERSITIES

College Entrance Exams

Juniors take the PSAT to qualify for National Merit. Sophomores may also test for experience and ACT/SAT practice. The test is administered for a nominal fee in October at Whitehouse High School. Consult with your counselor for additional information. Calculators will not be provided.

ACT

Register for and get test preparation materials for the ACT at <http://www.actstudent.org/>. Application packets are available in the counselors' office.

ACT Exam Dates:

- February 8, 2014
- April 12, 2014
- June 14, 2014
- September 13, 2014
- October 25, 2014
- December 13, 2014
- February 7, 2015
- April 18, 2015
- June 13, 2015

SAT

<http://sat.collegeboard.org/home> is the official website of the College Board. Use this website to register and study for the SAT test as well as to get information regarding colleges and financial aid. Application packets are available in the counselors' office.

SAT Exam Dates:

- January 25, 2014
- March 8, 2014
- May 3, 2014
- June 7, 2014
- October 11, 2014
- November 8, 2014
- December 6, 2014
- January 24, 2015
- March 14, 2015
- May 2, 2015
- June 6, 2015

Advanced Placement Programs

See *Advanced Placement Programs* section of this Guide for details.

Texas Success Initiative (TSI) Assessment

See *Dual Credit* section of this Guide for details.

College Exam Review Materials

Number 2.com

<http://www.number2.com/> is an excellent resource to help students practice and study for both the SAT and ACT.

ACT Student

<http://www.actstudent.org/>

SAT

<http://sat.collegeboard.org/home>

Test Prep

<http://www.testprepreview.com/> is a valuable site with lots of review questions for SAT, ACT, TSI, ASVAB and more.

Apply Texas Application

Use this website to complete a common application for admission at all Texas public universities and two-year colleges as well as many private schools.

https://www.applytexas.org/adappc/gen/c_start.WBX

For in-depth information regarding scholarships, grants and loans funded and subsidized by the state of Texas. <http://www.collegeforalltexans.com/>

Students can enter information and conduct an online scholarship search at these sites.

<http://www.fastweb.com/>

<http://www.finaid.org/>

AUTOMATIC ADMISSIONS TO ANY PUBLIC UNIVERSITY IN TEXAS (TOP 10% RULE)

If you're in the top 10% of your high school graduating class, you're eligible for automatic admission to any public university in Texas. To meet the requirements for automatic admission, you must:

- Graduate in the top 10% of your class at a public or private high school in Texas, or
- Graduate in the top 10% of your class from a high school operated by the U.S. Department of Defense and be a
- Texas resident or eligible to pay resident tuition;

- 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 application deadline. (Check with the university for specific deadlines).

If you're admitted to college through the Top 10% Rule, you may still be required to provide SAT or ACT scores, but these scores are not used for admissions purposes. You must also take the TSI test, unless you're exempt from the test requirement. Be sure to check with the school's admissions office regarding TSI, SAT and ACT requirements.

After you're admitted, the university may review your high school records to determine if you're ready for college-level work. If you need additional preparation, you may be required to take a developmental, enrichment or orientation course prior to your first semester of college. Please keep in mind that admission to a university does not guarantee acceptance into a particular program of study or academic department.

EXCEPTION: University Of Texas at Austin (UT): Top 7% for the Class of 2015

Financial Aid and Scholarships

FAFSA

File the Free Application for Federal Student Aid (FAFSA) online as soon as possible after January 1 of your senior year at <http://www.fafsa.ed.gov/>.

To file FAFSA online, the student and a parent need to register for a PIN at <http://www.pin.ed.gov/PINWebApp/pinindex.jsp>.

Texas Financial Aid Information Center

1-888-311-8881 / <http://www.tgslc.org/tfaic/>

The Texas Financial Aid Information Center (TFAIC) is a free public service available to all Texas students and families wanting to pursue a higher education. Created in 1999, TFAIC is a collaborative effort between the Texas Higher Education Coordinating Board and TG.

Call on TFAIC to help you find federal and state resources to explore higher education opportunities, apply for admission and financial aid, find money to pay for your postsecondary education, and learn more about federal and Texas-based financial aid programs and services. TFAIC call center representatives, who average more than 10 years experience in student financial aid, can provide:

- Assistance with the Texas college admission process

- Help with understanding and applying for federal and state student financial aid
- Support in English and Spanish

No personal information is required in order to receive assistance.

Counselors also have free information packets they can send you, and TFAIC can provide telephone numbers and Web addresses for other helpful resources available in your community.

TFAIC representatives are available Monday through Thursday from 8:00 a.m. to 6 p.m., and Fridays from 8:00 a.m. to 5:00 p.m., Central Time.

Watch the videos

To help promote TFAIC's services, a multimedia campaign in Spanish and English was launched in 2010. To view videos visit <http://www.tgslc.org/tfaic/>.

Texas Grant

Program Purpose

The Texas Legislature established the TEXAS (Towards EXcellence, Access and Success) Grant to make sure that well-prepared high school graduates with financial need could go to college.

Who can apply? Students who...

For an initial award

- are Texas residents
- have not been convicted of a felony or crime involving a controlled substance
- show financial need
- have an EFC less than or equal to 4000
- register for the Selective Service or are exempt from this requirement

AND

- Be a graduate of an accredited high school in Texas not earlier than the 1998-99 school year
- Complete the Recommended High School Program or Distinguished Achievement Program in high school
- Enroll in a non-profit public college or university in Texas within 16 months of graduation from a public or accredited private high school in Texas and
- Have accumulated no more than 30 semester credit hours, excluding those earned for dual or concurrent courses or awarded for credit by examination (AP, IB or CLEP).

OR

- Have earned an associate degree from a public technical, state or community college in Texas and
- Enroll in any public university in Texas no more than 12 months after receiving their

associate's degree.

Students entering the program from high school who continue in college and who meet program academic standards can receive awards for up to 150 semester credit hours, until they receive a bachelor's degree, or for five years if enrolled in a 4-year degree plan or six years if enrolled in a 5-year degree plan, whichever comes first.

Students entering the program based on acquisition of an associate's degree who continue in college and who meet program academic standards can receive awards for up to 90 semester credit hours, until they receive a bachelor's degree, or for three years if enrolled in a 4-year degree plan or four years if enrolled in a 5-year degree plan, whichever comes first.

The academic requirements for continuing in the program are:

- At the end of the first year, a student entering the program must be meeting the school's Satisfactory Academic Progress (SAP) requirements.
- At the end of the second year in the program or later years, all students must complete at least 75% of the hours attempted in the prior academic year, have an overall college grade point average (GPA) of at least 2.5 on a 4.0 scale and complete at least 24 semester credit hours per year.

Where may awards be used?

A TEXAS Grant may be used to attend any public institution of higher education in Texas.

How can you apply?

You apply for the TEXAS Grant when you complete and submit the Free Application for Federal Student Aid (FAFSA) or other application as required by your college's financial aid office.

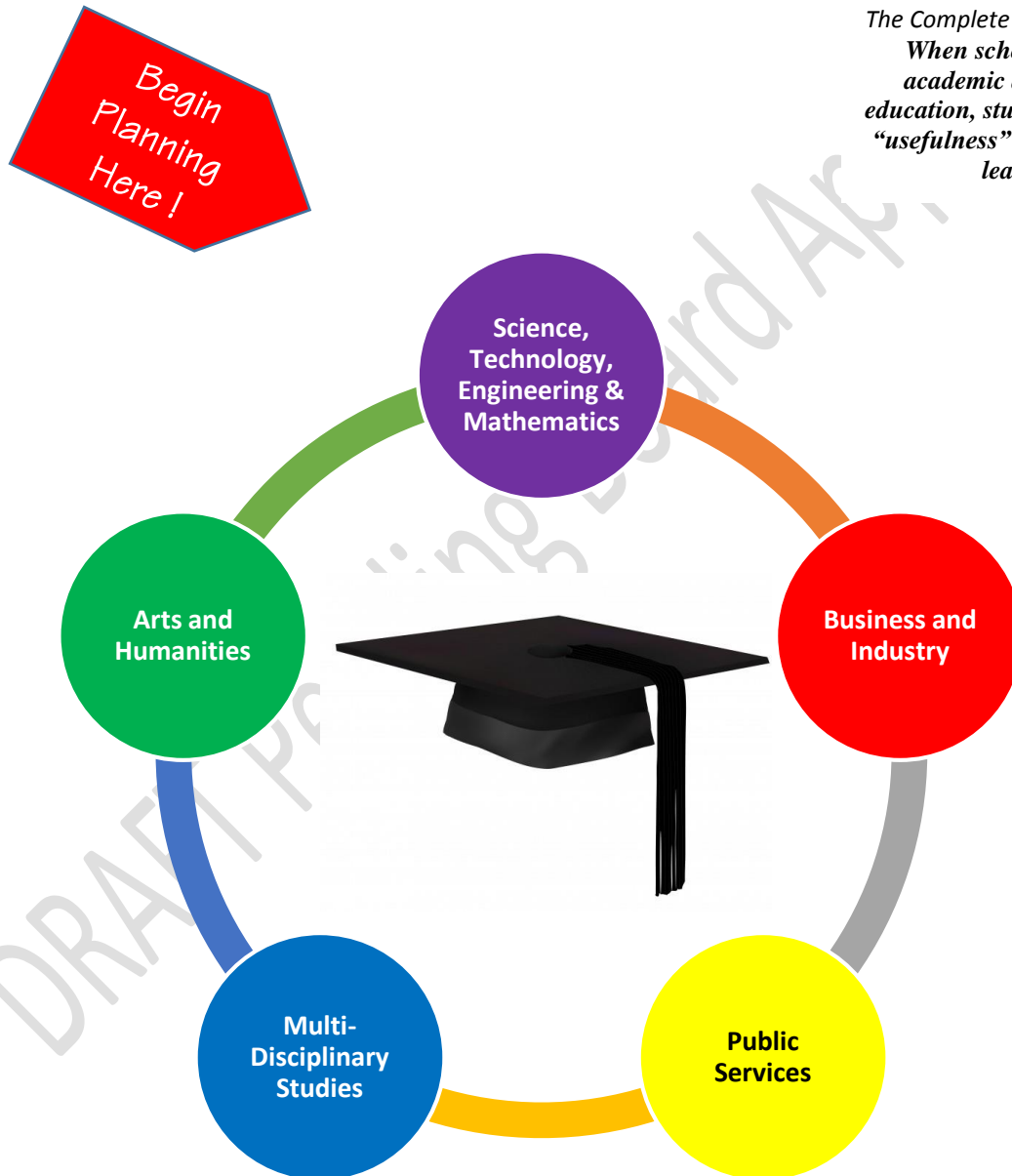
Funding is limited, so you need to submit your application as soon as possible after January 1 of your senior year. The financial aid office at each college and university will determine if TEXAS Grant is part of the aid package that is offered to you.

ENDORSEMENT AREAS OF STUDY

WISD encourages students to take ownership of their success in high school. **Career Cruising** is the online system WISD has chosen to assist students with high school course selection. Students will be given the opportunity to choose from the numerous courses available at WHS their desired schedule. All schedules will be reviewed by the guidance counselors.

Career Cruising

*The Complete Guidance System
When schools integrate
academic and technical
education, students can see the
“usefulness” of what they are
learning.*





*Fine Arts, Social Studies,
Languages Other than
English*

ART

In *Art* class you realize that the visual arts are in everything... I wasn't expecting that but it doesn't just hang in a museum or gallery... it is in the clothes we wear, the cars we drive and the homes we live in.

Tanner Odom, WHS Student

"The *Art* department at Whitehouse High School is nothing I expected, the teachers buckle you down and have expectations of creativity pushing you to do what you are able to the best you are able. I am incredibly grateful for this time I have been able to learn and grow. I have truly been chiseled to my best and appreciate have one of the most dedicated and motivating art department on my side."

Claire Nero, WHS Student



WHERE CAN I GO WITH ART?

HS Diploma/ On-the-Job Training	Background Artist, Drafting Technician, Layout Artist, Merchandise Display, Photographer/Camera Operator, Retail Salesperson, Sculptor, Sign Maker, Artist
Jr/Technical/ Community College or Apprenticeship	Advertising Designer, Animator, Art Historian, Commercial Artist, Dark Room Asst., Drafting Technician, Fashion Designer/Illustrator, Interior Designer, Jewelry Designer, Landscape Artist, Photographer, Police Sketch Artist, Special Effects Artist, Technical Illustrator
Bachelor's or Master's Degree, Doctorate	Animator, Architect, Art Therapist, Conservator, Art Director, Studio Director, Fashion Designer, Fine Artist, Floral Designer, Gallery Director, Game Designer, Graphic Designer, Illustrator, Industrial Designer, Interior Designer, Jewelry Designer, Multimedia Art & Animator, Photographer

HOW CAN I GAIN EXPERIENCE?

School Activities

Art Club, Art Competitions Decorating Homecoming and other Events, Design Classroom Bulletin Boards, FCCLA Family Career & Community Leaders of America, School-sponsored Public Art Project, Student Art Shows

Community Activities

Museum Volunteer, Poster Designer, Set Painter for Community Theater

College Majors

Visual/Performing Arts, Commercial/Advertising Art, Commercial Photography, Design & Visual Communications, Fashion Design, Game and Interactive Media Design, Graphic Design Illustration, Product Design, Interior Design, Fine and Studio Art, Art History, Criticism, and Conservation Arts, Ceramics, Textile, and Weaving Arts, Metal and Jewelry Arts, Painting, Printmaking, Sculpture, Studio Arts

Arts and Humanities

Interlink targeted occupations for high demand employment opportunities for 2014-2018



WHS Related Courses

- ☐ Art I
- ☐ Art Painting II-IV
- ☐ Art Sculpture II-IV
- ☐ Art Pre-AP Portfolio
- ☐ Art Drawing II-IV
- ☐ Printmaking II-IV
- ☐ AP 2D Design
- ☐ Art History Appreciation 3 Dual Credit
- ☐ AP Drawing Portfolio
- ☐ AP 3D Design Portfolio

8th Graders:

You recently took the Career Cruising Interest Inventory which categorized your likes and dislikes. Using the Career Cruising Career Interest Results people suited to the Arts field enjoy working with

PEOPLE & IDEAS





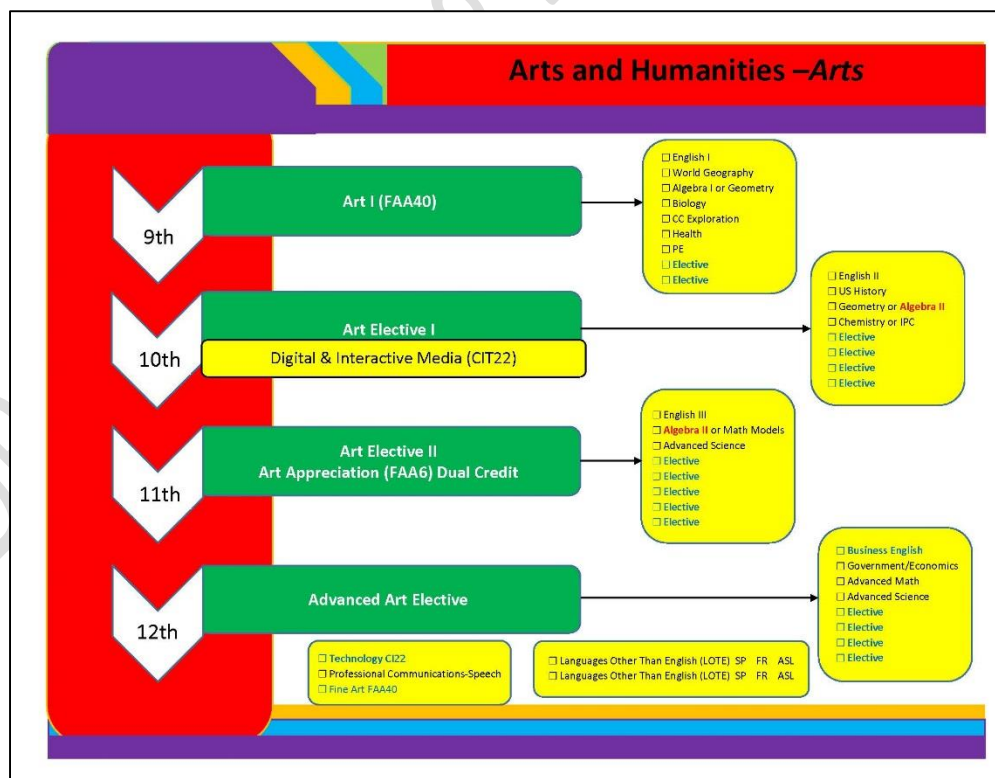
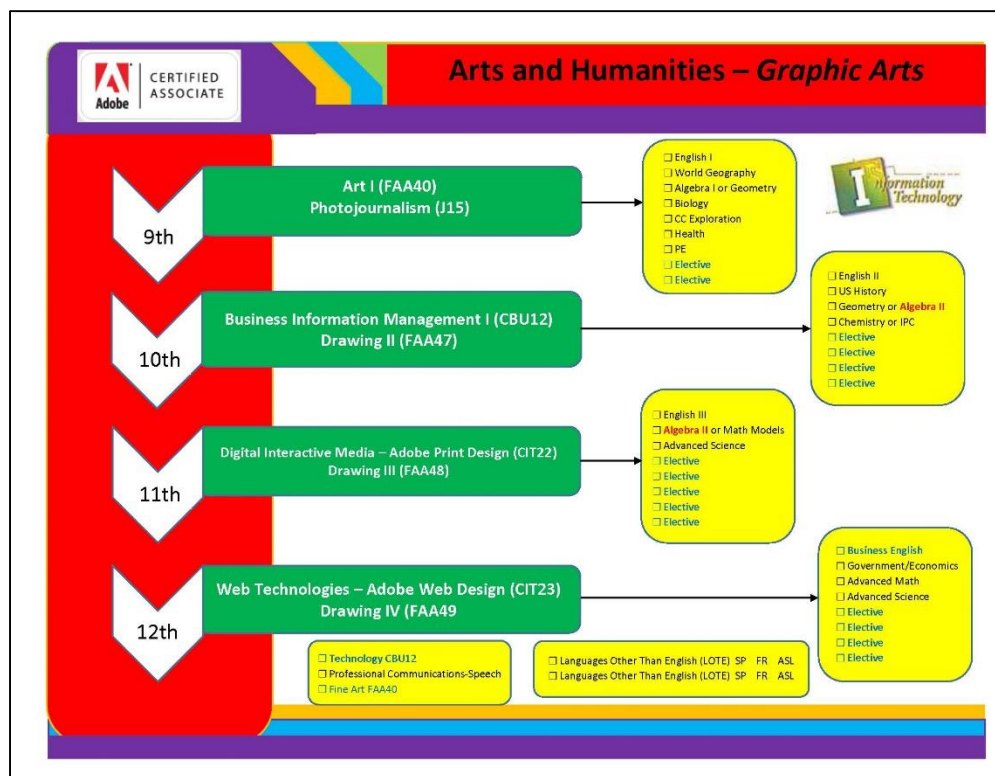
On VASE, Visual *Art* Scholastic Event:

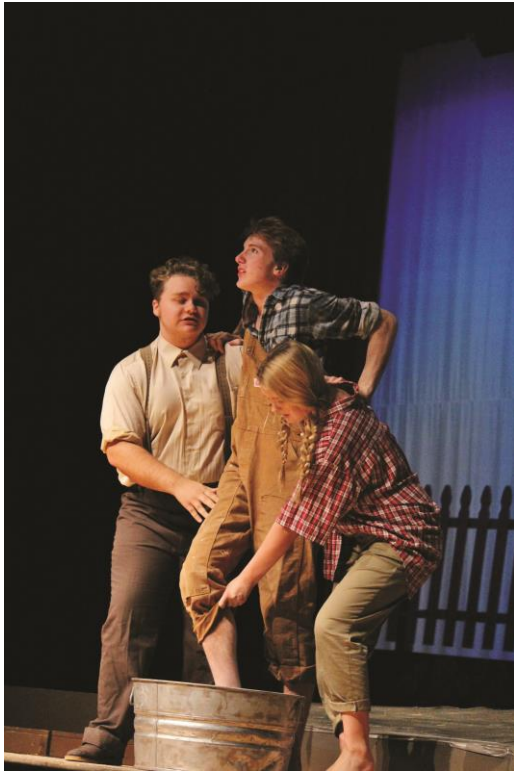
“Visual Art Scholastic Event is the largest high school art competition in the world. We work to create art pieces to present to the juror for evaluation. This process of creation and standing behind what you create makes you realize art speaks to the whole person and makes you a better person in the process.”

Kaitlyn Killian

SAMPLE ART PLAN

This Art-focused graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.





THEATRE ARTS AND DANCE

Theatre has shaped me into a well-rounded individual. Punctuality, responsibility and respect are fundamental aspects utilized in this wonderful craft."

- Austin Bender, WHS Student

Dance

Being a part of The First Ladies Drill Team has helped me stay out of trouble in high school and respect myself more.

Maddie Minser, WHS Student

WHERE CAN I GO WITH THEATRE AND DANCE ?

HS Diploma/ On-the-Job Training	Children's Theatre Director, Community Theatre Costume Designer, Local Theatre Productions, Sound Technician, Special Effects Worker, Theatre Ticket Salesperson
Jr/Technical/Community College or Apprenticeship	Agent, Community Theatre Dancer or Repertory Theatre Director, Community Theatre Manager, Community Theatre Teacher, Lighting Design Technician, Movie Theatre Manager, Public Relations Producer, Set Designer for Community Plays
Bachelor's Degree or Master's Degree, Doctorate	Actor, Commercial Advertiser, Dance Teacher, Designer for Stage/ Screen, Music Video Artist, Dance Choreographer, Professional Director, Professional Speaker, The selection guide is subject to change federal and state law and/or school board policy

HOW CAN I GAIN EXPERIENCE?

School Activities

UIL Competitions, Talent Shows, Technical Crew for Assemblies, Theatre Productions, Musicals, Sound Track Designer, School Auditions

Community Activities

Benefit Performances, Children's Theatre Workshops, Church Drama Director, Community Theatre Crew, Dancing/Acting Workshops, Six Flags Productions, Sound Engineer, Dance Recitals

College Majors

Ballet, Costume Design, Dance, Directing and Theatrical Production, Musical Theater, Playwriting and Screenwriting, Theater Arts, Theater Design & Stagecraft, Theater Literature, History, Criticism

In *Dance* I have learned discipline....it has taught us to have respect for all along with the true meaning of hard work and dedication.

Peyton Payne, WHS Student

Arts and Humanities

Interlink targeted occupations for high demand employment opportunities for 2014-2018

8th Graders:

You recently took the Career Cruising Interest Inventory which categorized your likes and dislikes. Using the Career Cruising Career Interest Results people suited to the Arts field enjoy working with

PEOPLE & IDEAS



Theatre has impacted my life because it has taken me on an indescribable adventure filled with joy, excitement, and unforgettable memories.

Sam Baham, WHS Student



WHS Related Courses

- ☐ Theatre Arts I-IV
- ☐ Theatre Production I-III
- ☐ Technical Theatre I-IV
- ☐ Dance I-IV
- ☐ Pre Drill Team
- ☐ Drill Team I-III



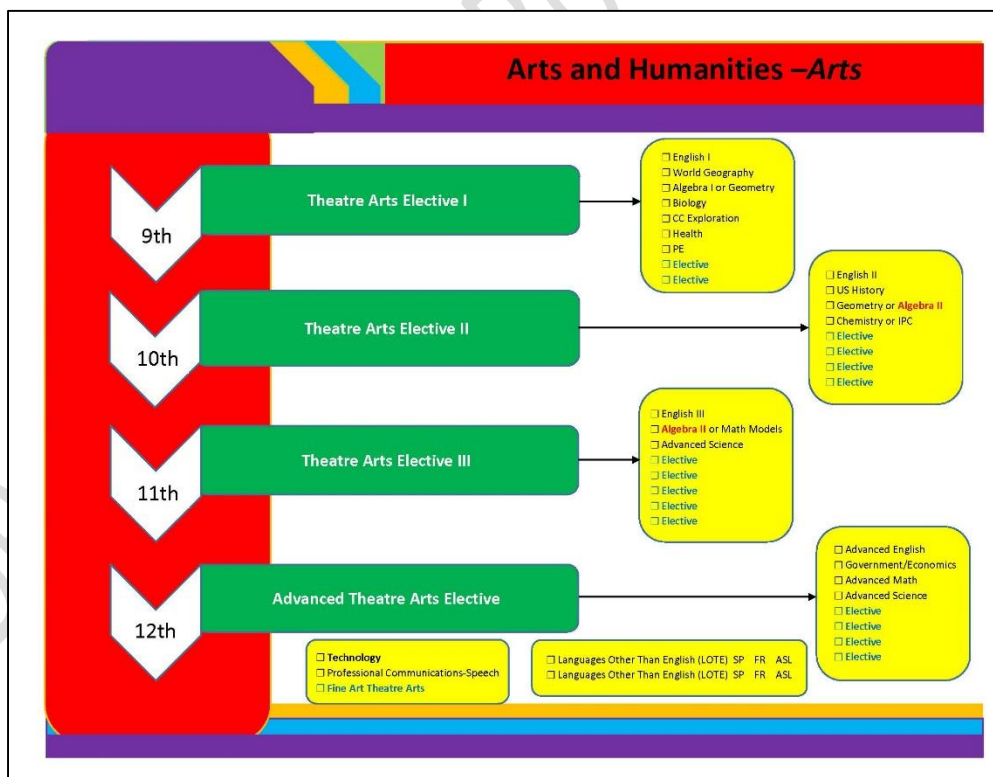
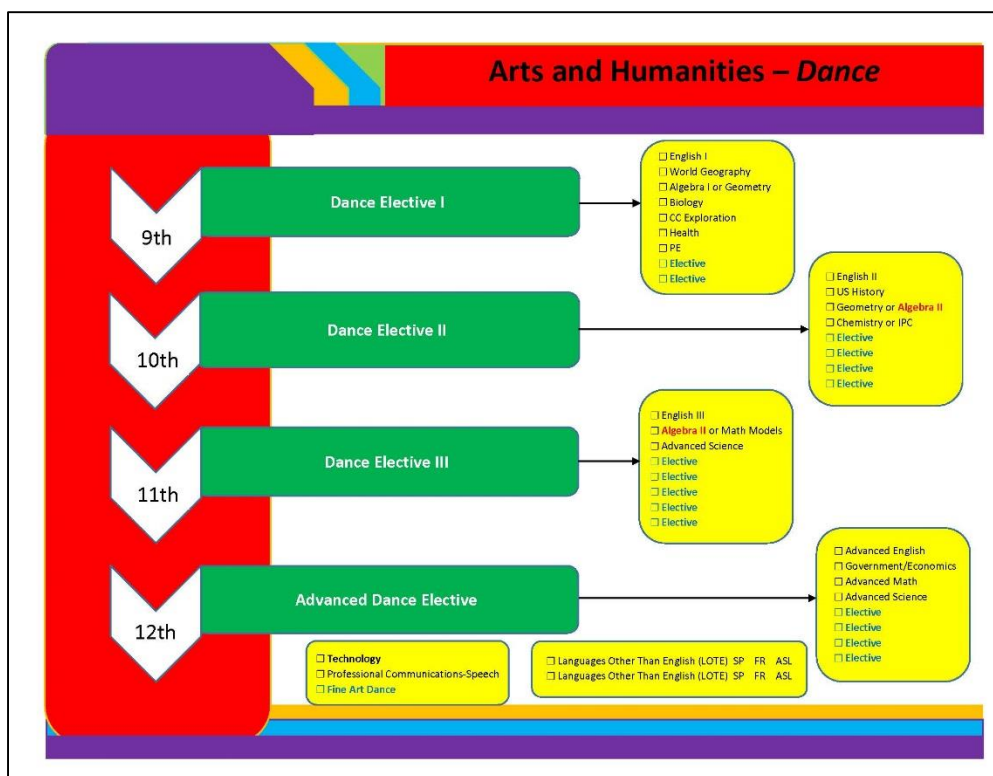
Theatre has impacted my high school career. I have learned skills, on the technical side of the shows. It has also given me a sort of family, at school, that lets us be ourselves.

Jacob Cottrell, WHS Student

Dance



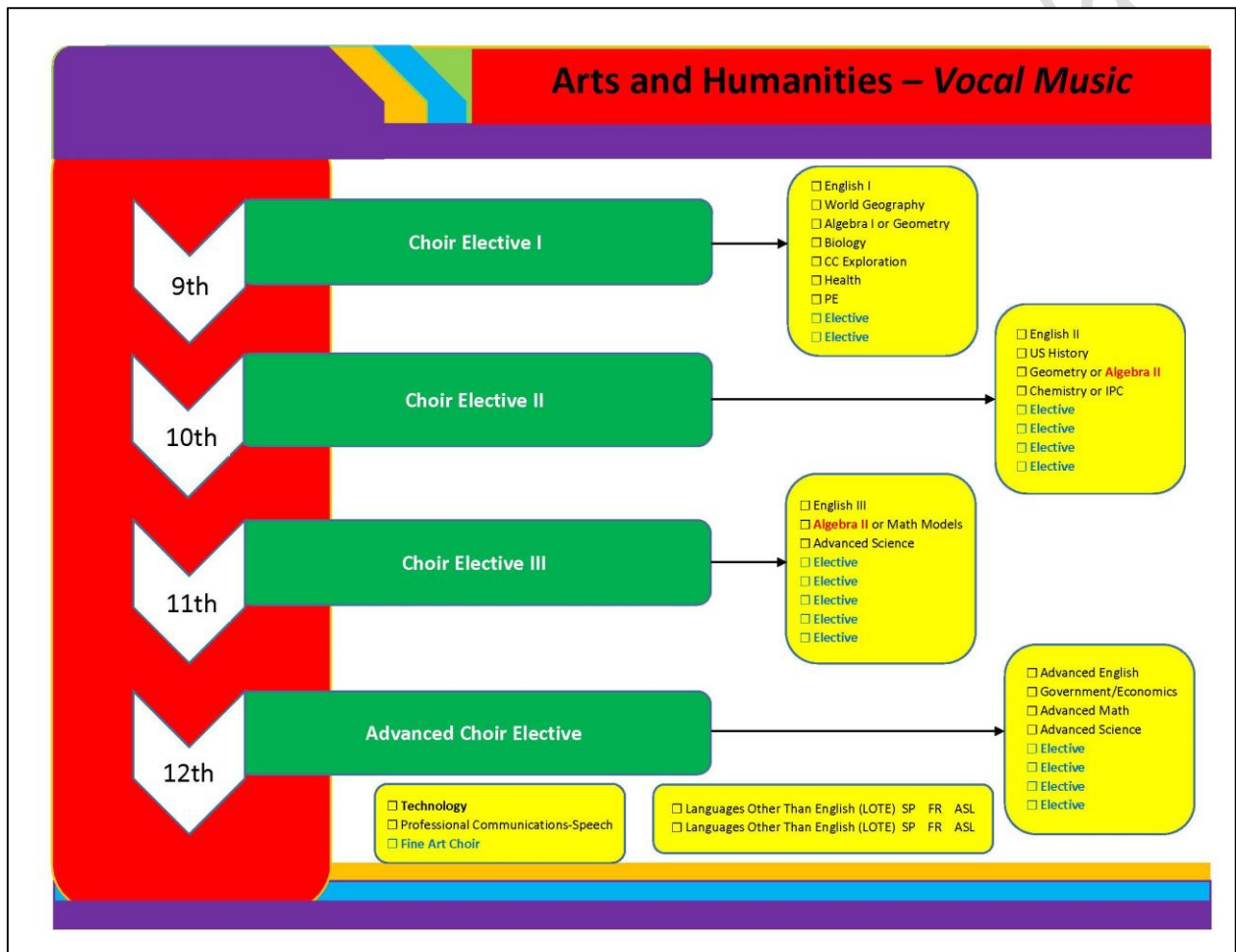
These Theatre and Dance-focused graduation plans consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



VOCAL MUSIC

SAMPLE ART PLAN

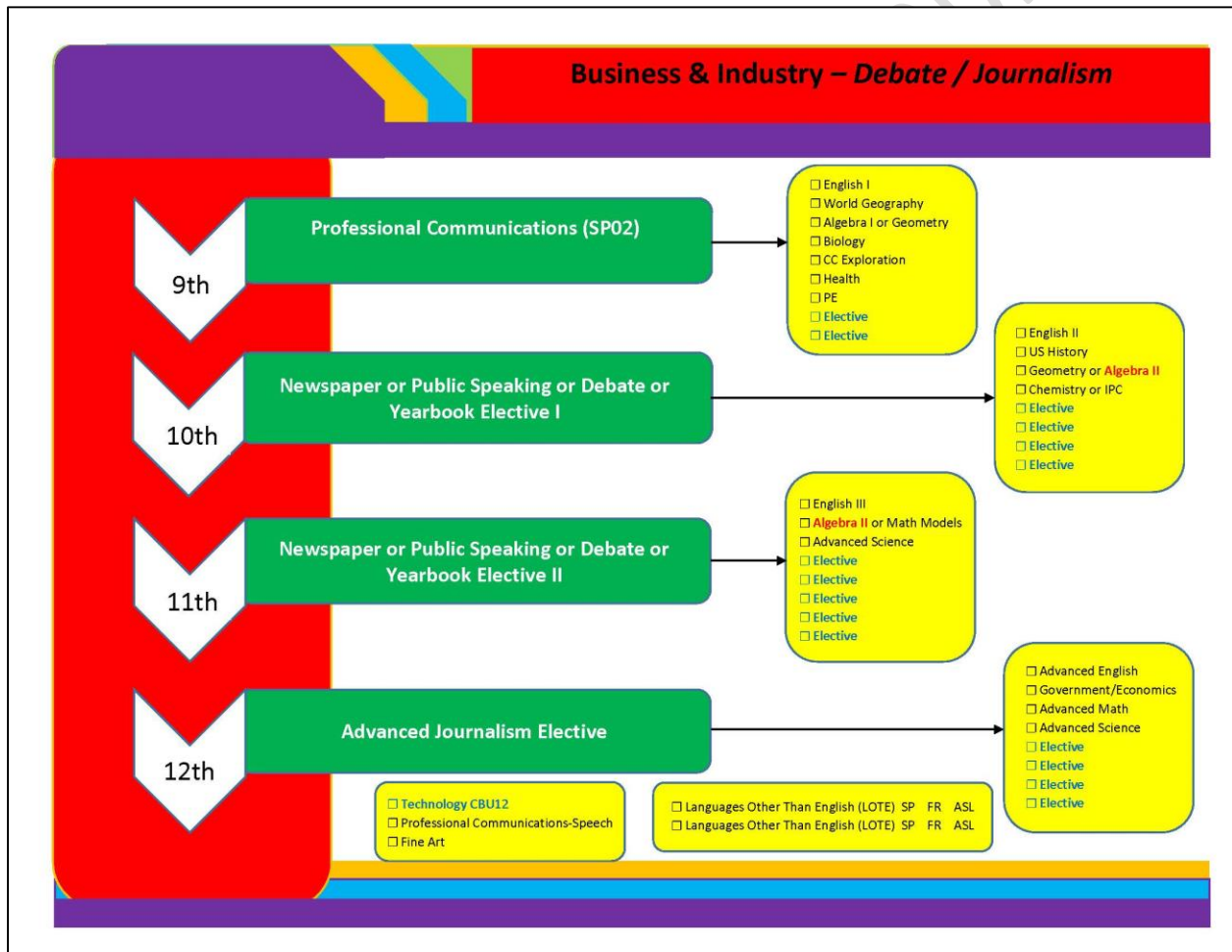
This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



COMMUNICATION AND JOURNALISM

This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.

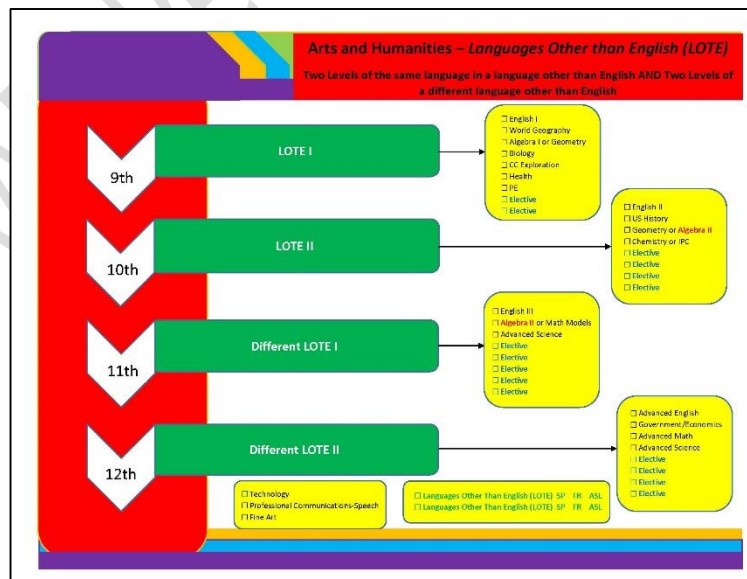
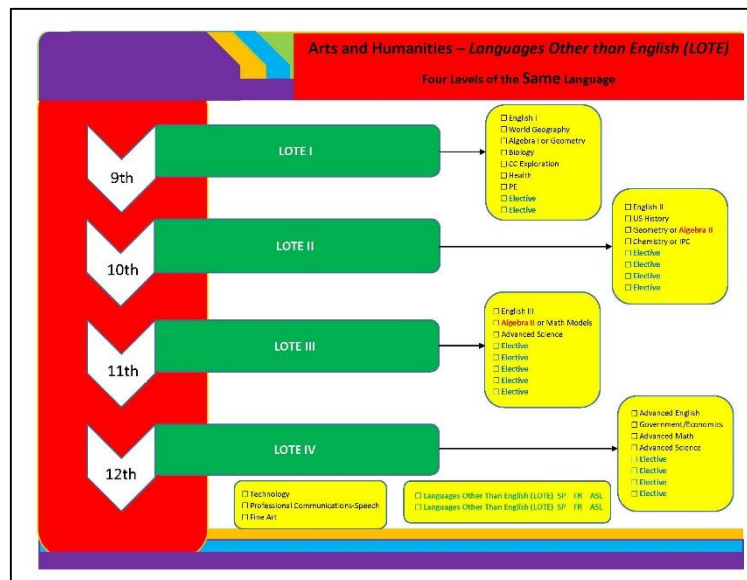
SAMPLE ART PLAN



LANGUAGES OTHER THAN ENGLISH (LOTE)

SAMPLE ART PLAN

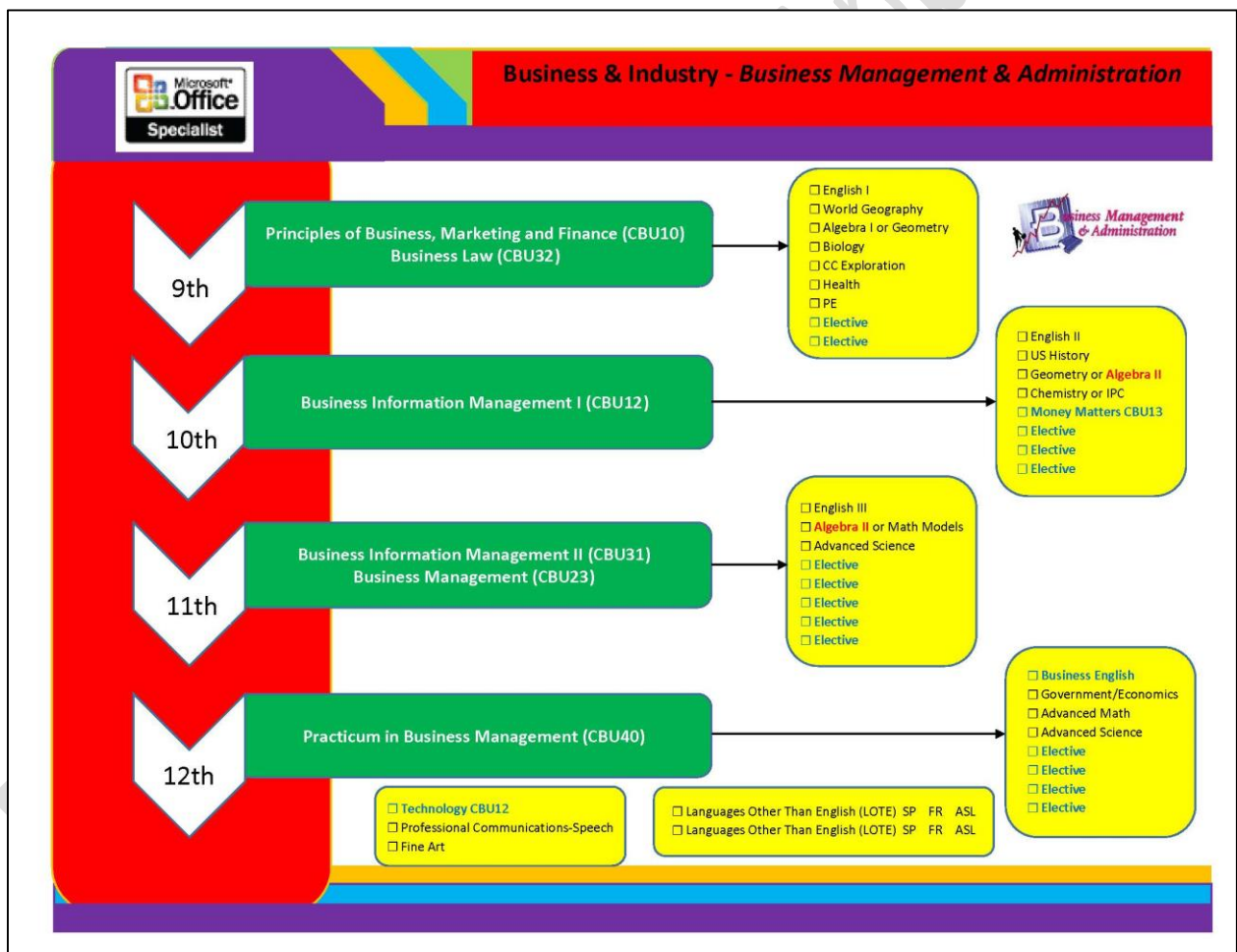
This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



BUSINESS MANAGEMENT AND ADMINISTRATION

This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.

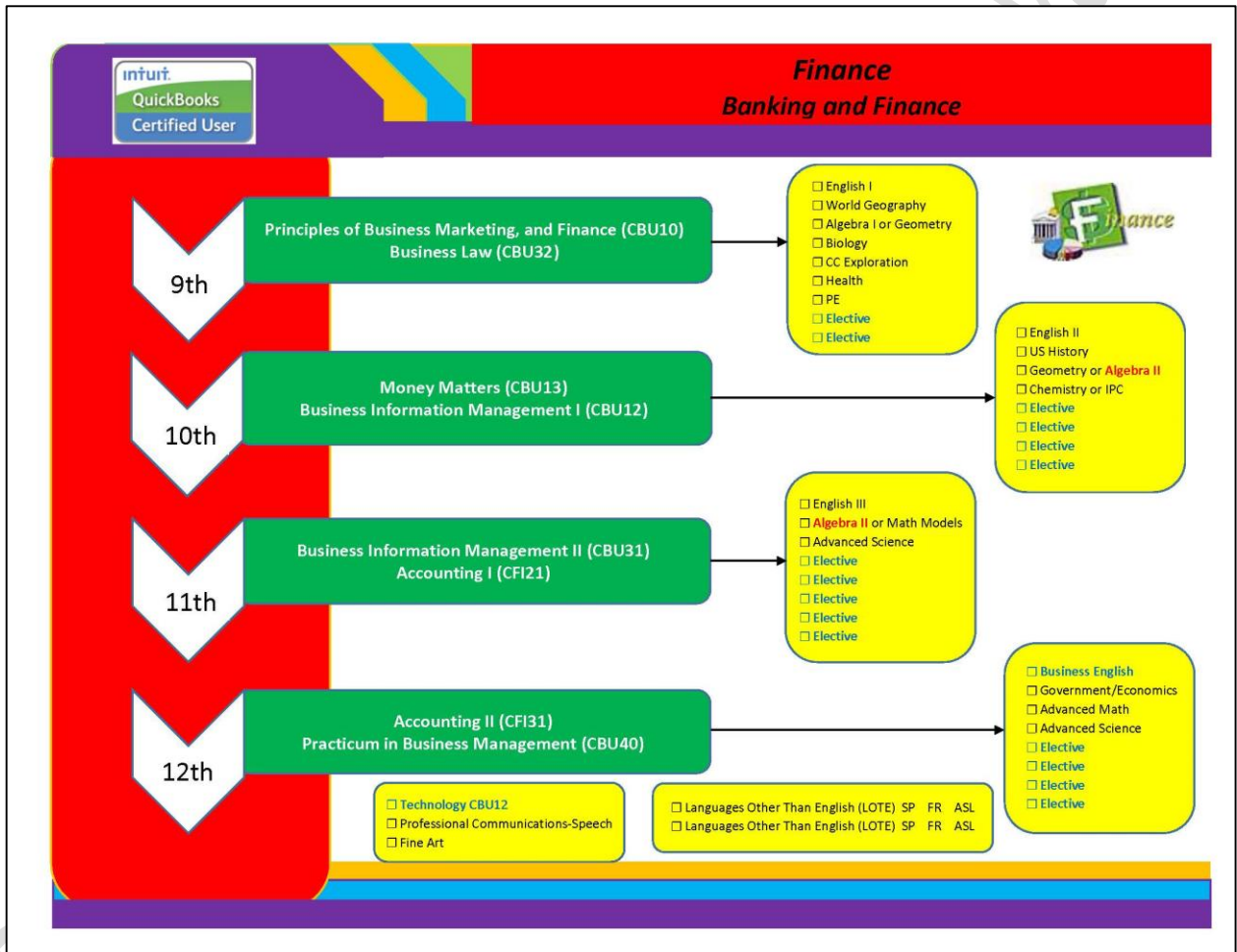
SAMPLE ART PLAN



FINANCE

SAMPLE ART PLAN

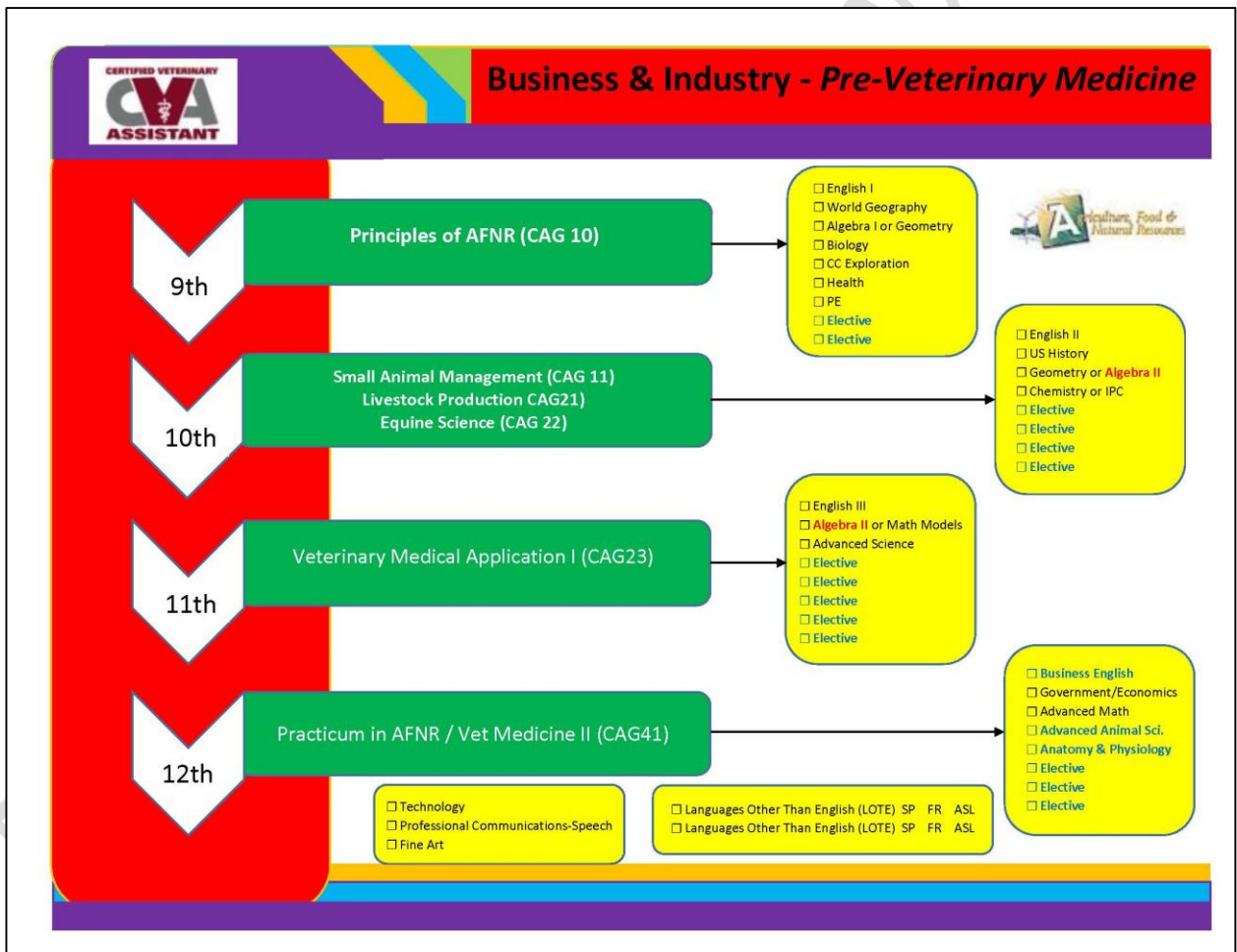
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VETERINARY ASSISTANT

SAMPLE ART PLAN

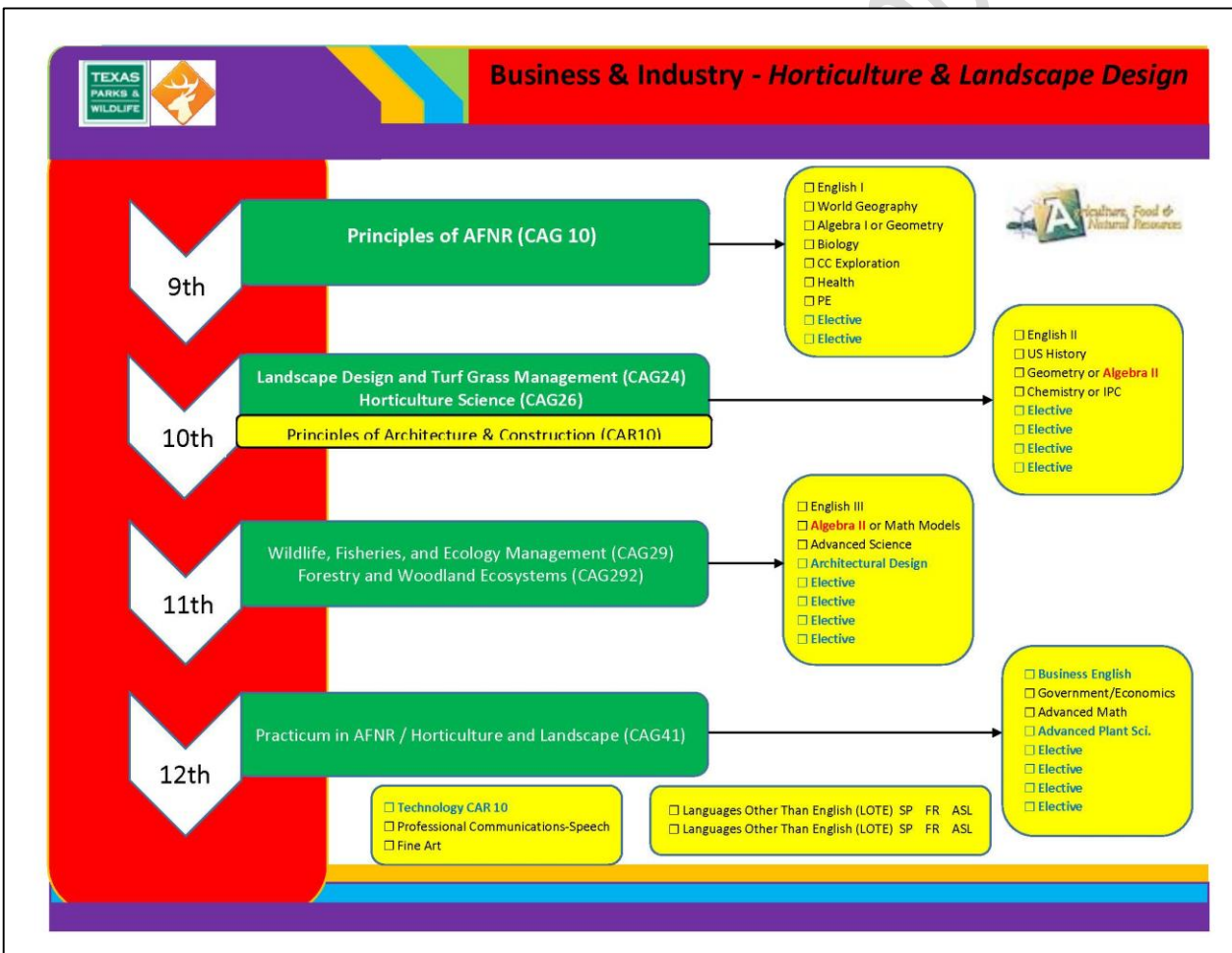
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HORTICULTURE AND LANDSCAPE

SAMPLE ART PLAN

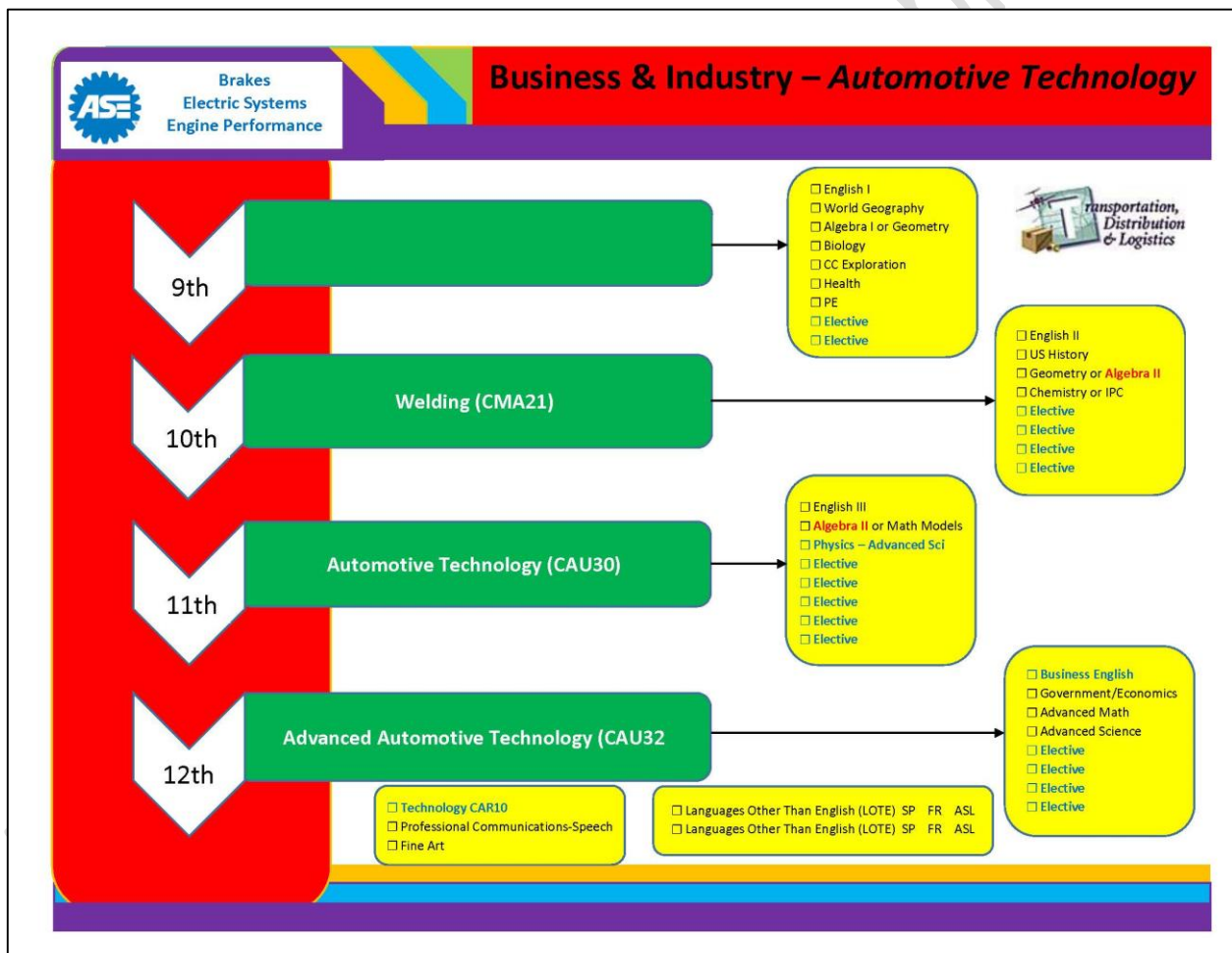
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AUTOMOTIVE TECHNOLOGY

SAMPLE ART PLAN

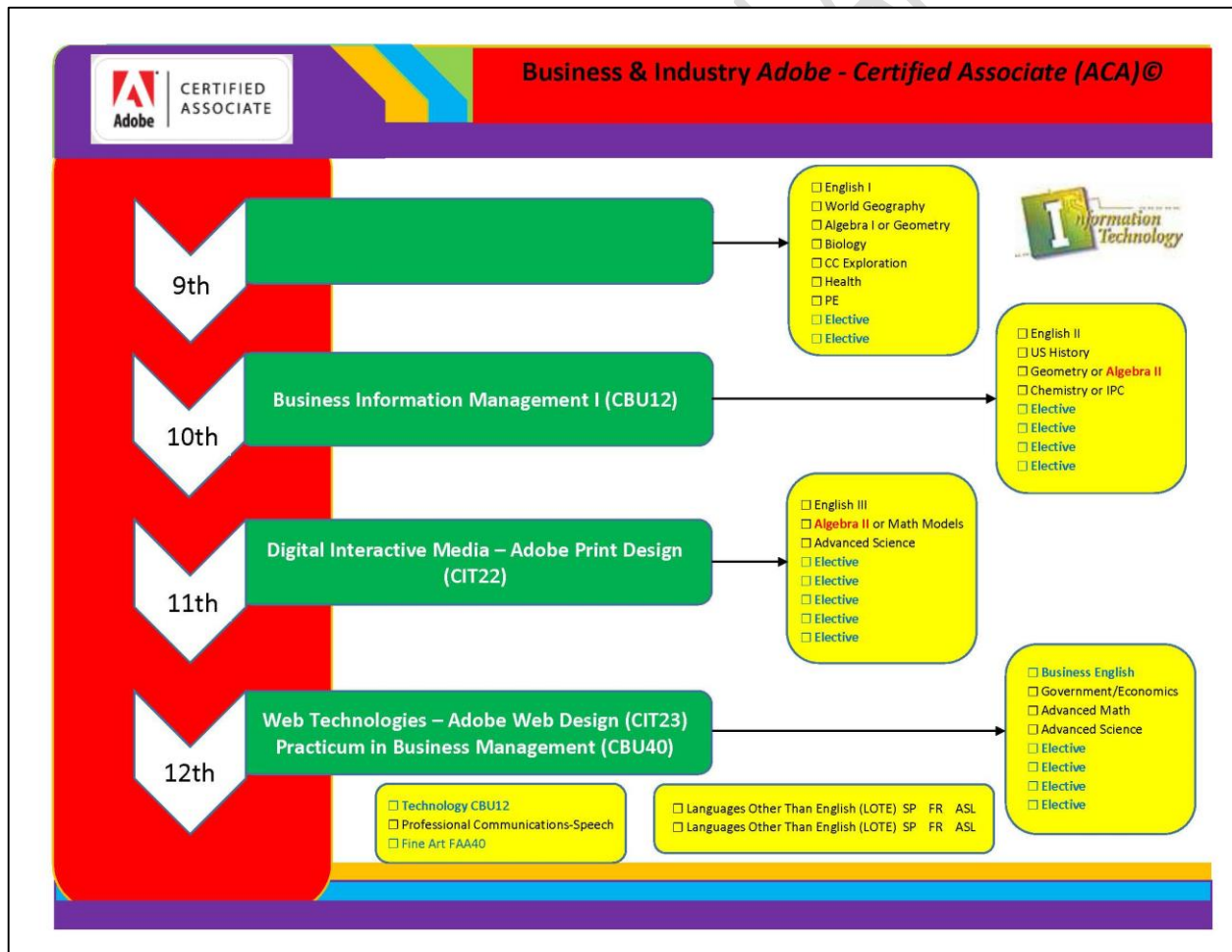
This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



COMPUTER INFORMATION TECHNOLOGY – ADOBE CERTIFIED ASSOCIATE®

SAMPLE ART PLAN

This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.

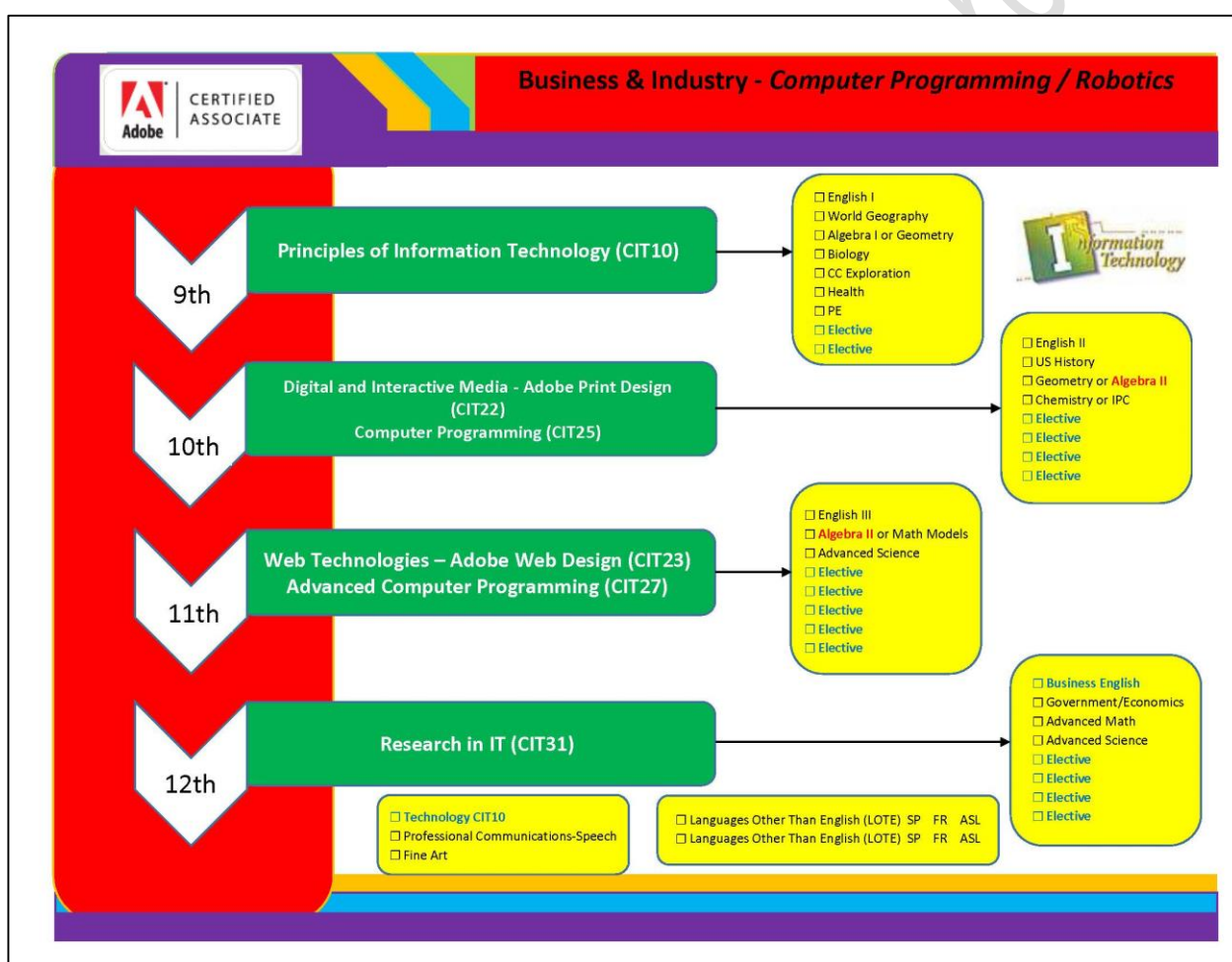


COMPUTER PROGRAMMING

ROBOTICS

SAMPLE ART PLAN

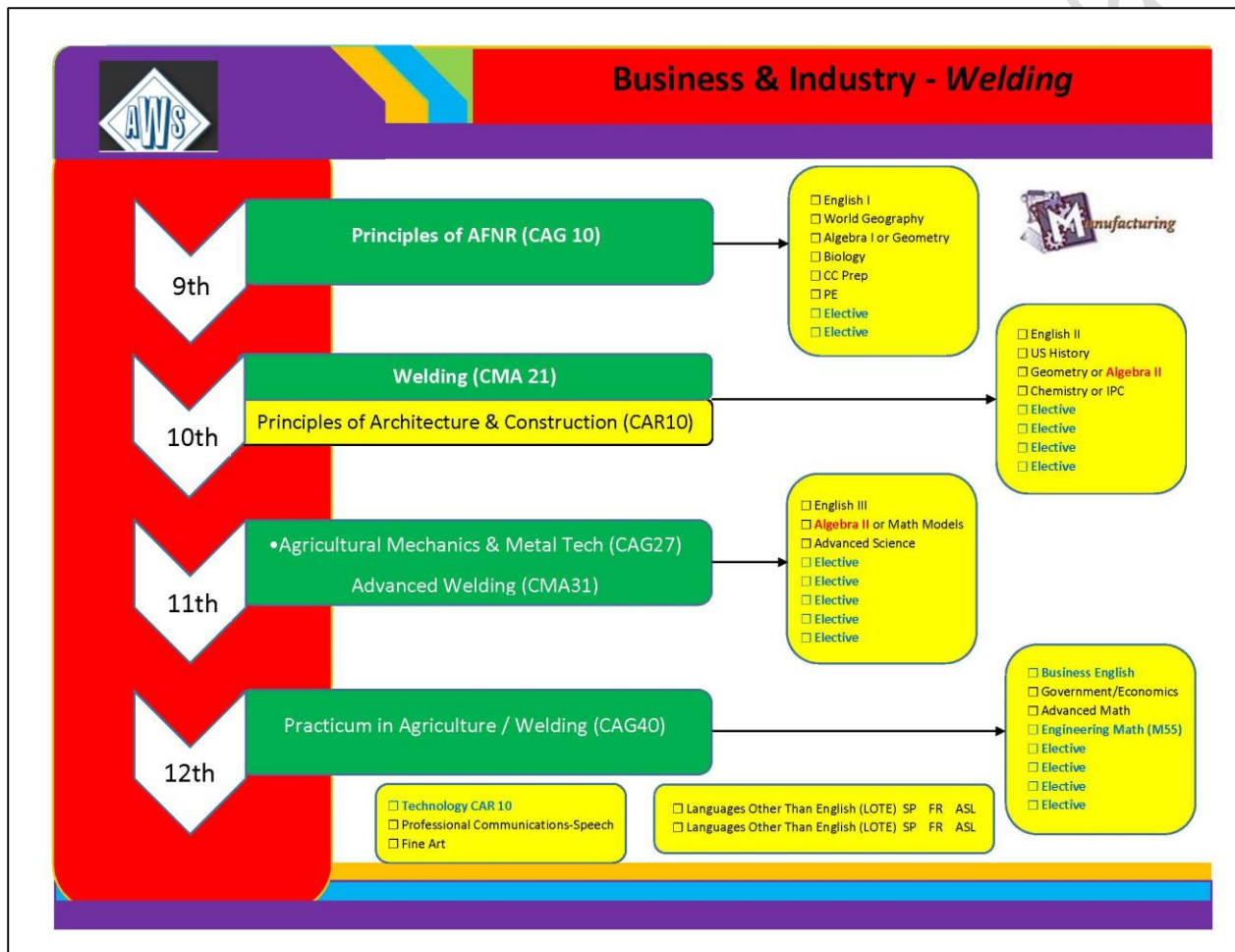
This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



WELDING

SAMPLE ART PLAN

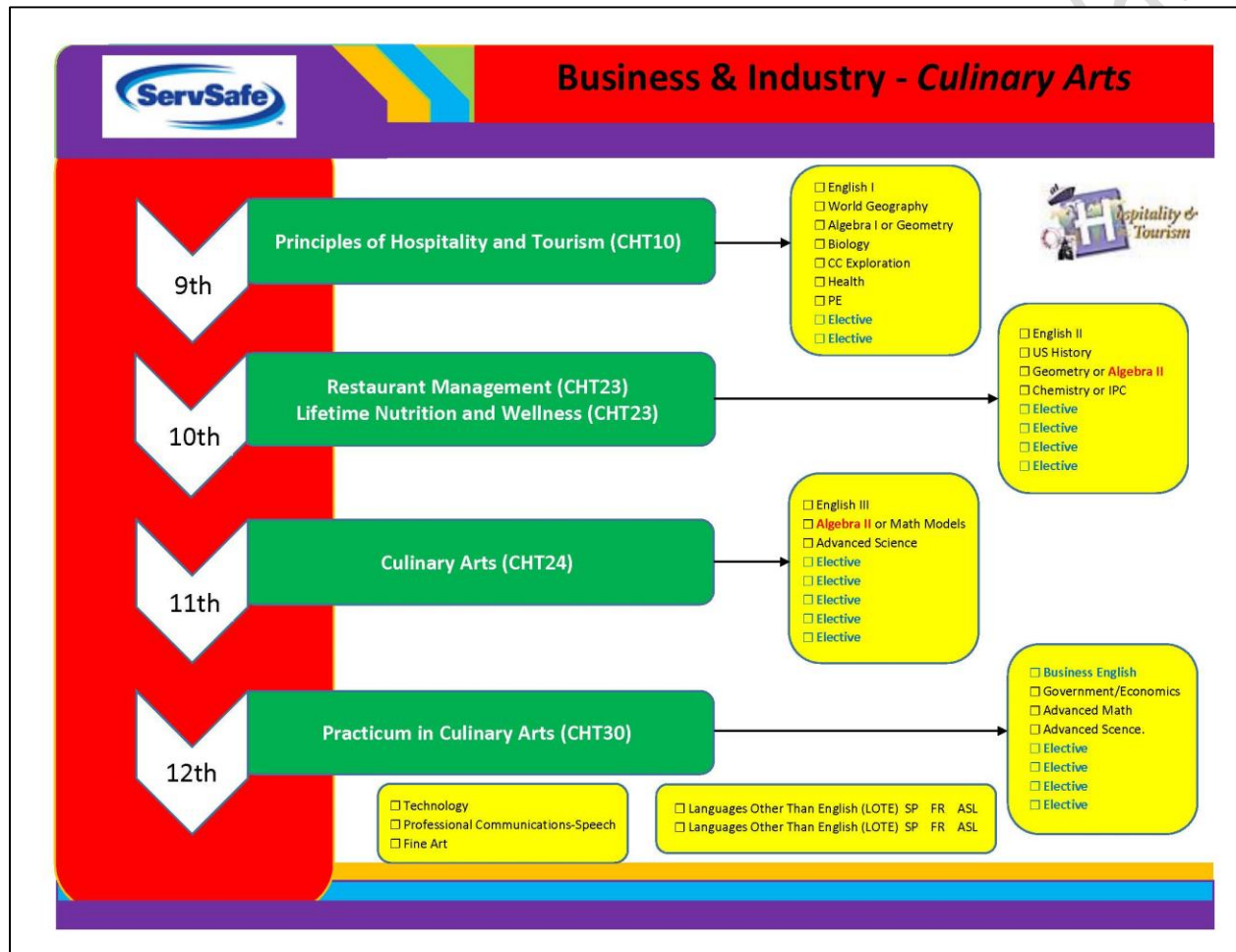
This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



CULINARY ARTS

SAMPLE ART PLAN

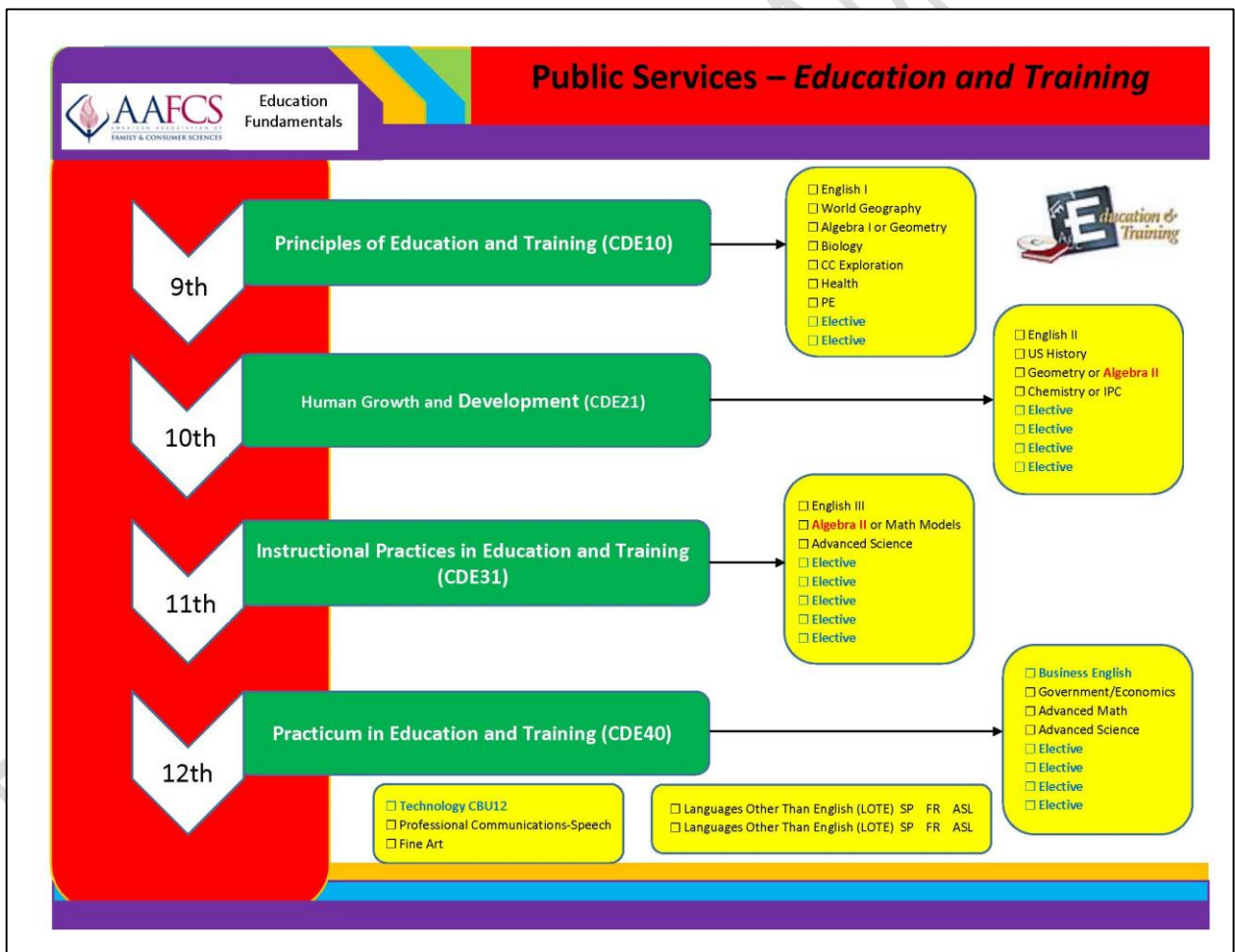
This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



EDUCATION AND TRAINING

SAMPLE ART PLAN

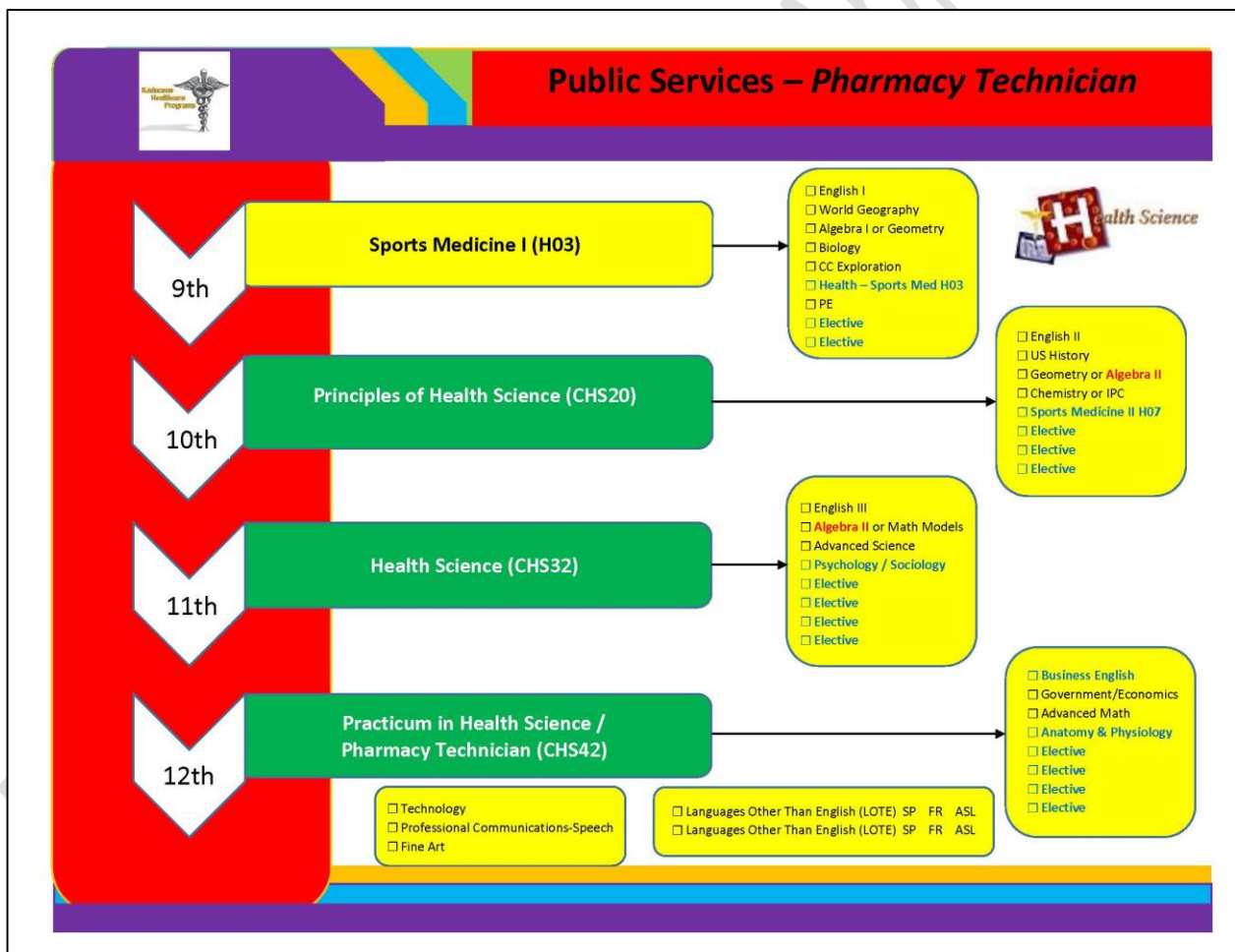
This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



PHARMACY TECHNICIAN

SAMPLE ART PLAN

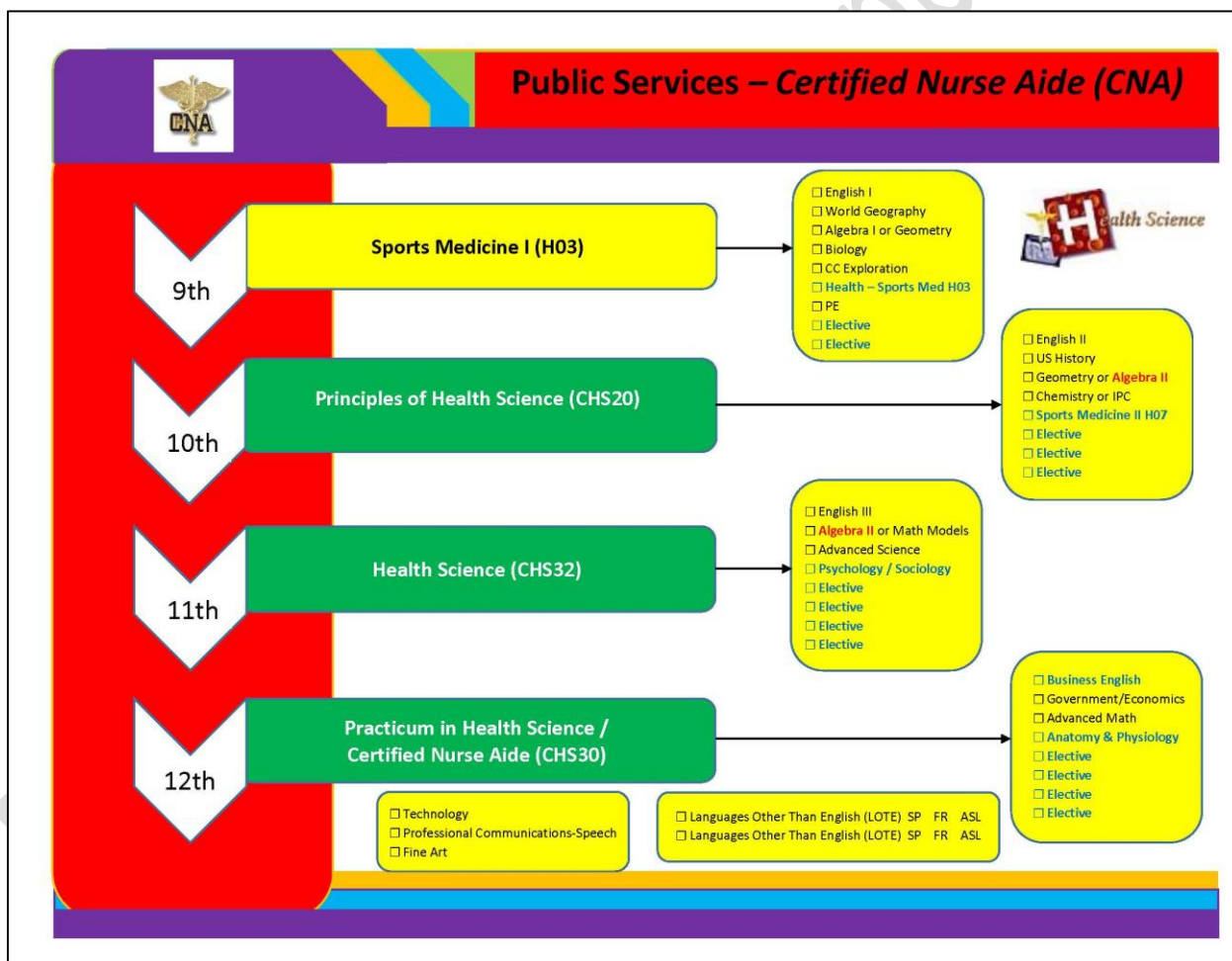
This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



CERTIFIED NURSE AIDE (CNA)

SAMPLE ART PLAN

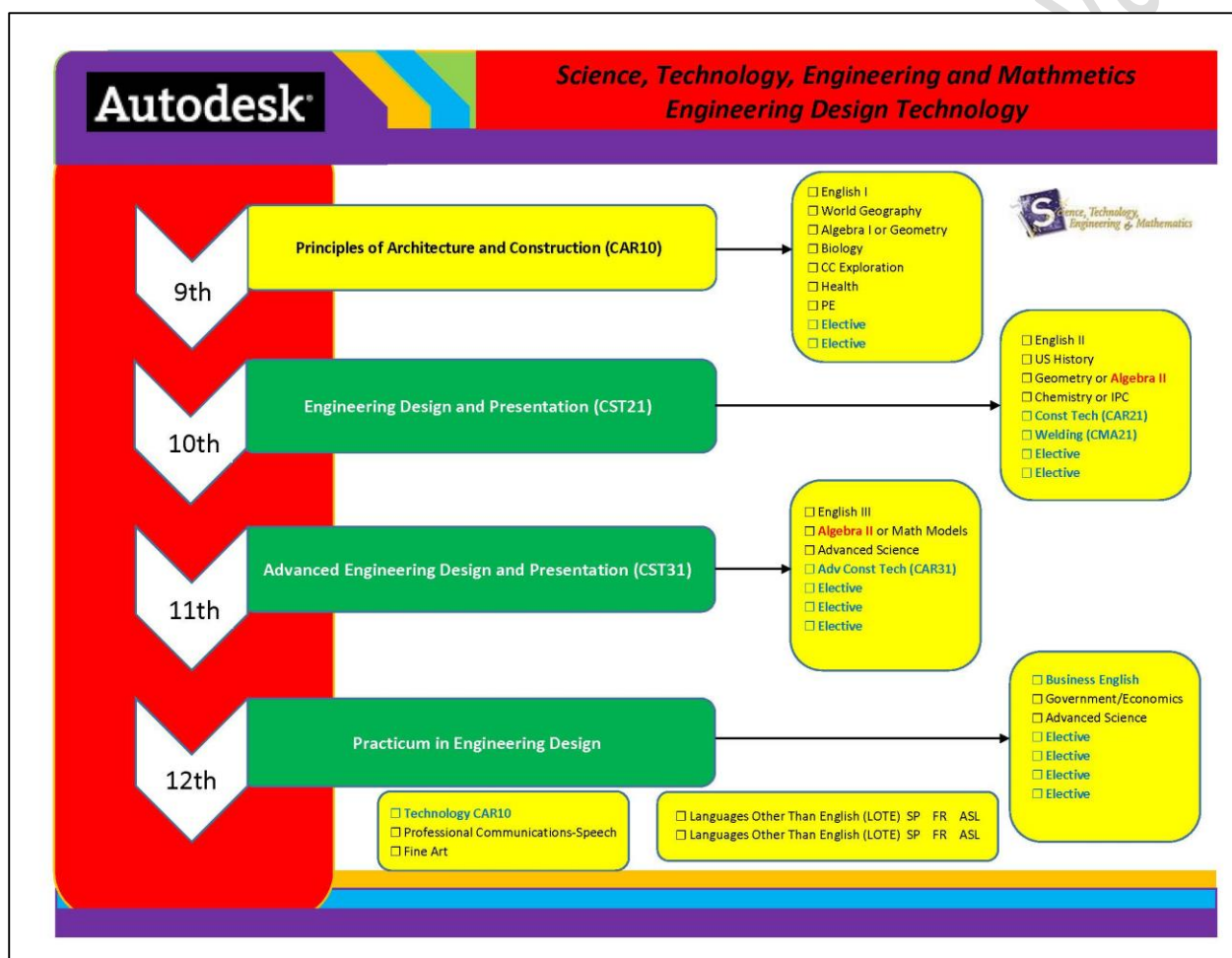
This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



ENGINEERING

SAMPLE ART PLAN

This graduation plan consists of the requirements to complete the Foundation High School Program with Distinguished Level of Achievement.



COURSE DESCRIPTIONS

English Language Arts

English I

Grade: 9

Credit: 1

Prerequisite(s): None

Students continue developing reading, writing, oral language, and research skills. An emphasis is placed on reading a wide variety of literary and informational texts while extending compositional skills to include various modes of writing. Language studies focus on the analysis of diction and syntax within student-created and published texts from various media. Throughout the year, students develop skills to enhance media literacy. 03220100-E01

Pre-AP English I

Grade: 9

Credit: 1

Prerequisite(s): Honors Criteria

Students continue reading, writing, oral language, and research skills at an accelerated rate. Students generate compositions for a variety of purposes and in a variety of modes as well as read and analyze selected works from all genres of literature. Based on a curriculum that integrates both writing and reading concepts and skills, this course empowers students to use the recursive writing process as they write to learn about themselves, the world, and their environment. Students in this class will read extensively, write responsively, listen critically, speak articulately, work cooperatively, and think independently. Summer reading assignments are required and students may be asked to purchase novels throughout the year. 032200100-E03

English II

Grade: 10

Credit: 1

Prerequisite(s): English I

Students refine reading, writing, oral language and research skills through the integration of literature,

composition, language and reading experiences. A survey of world literature is used as the foundation for literary studies. Communication skills, language studies and media literacy extend on those from English I as students become more adept consumers and producers of 21st Century literacies. 03220200-E05

Pre-AP English II

Grade: 10

Credit: 1

Prerequisite(s): Honors Criteria, English I

Emphasis is placed on critical reading and writing over world literature; students will read and analyze selected works from all genres. Students will write for a variety of purposes and in a variety of modes; however, emphasis is placed on academic composition: literary style analysis of both fiction and non-fiction, and argumentation combined with some creative endeavors. The grammatical, mechanical, and syntactical skills of language are taught within the meaningful context of the writing process. This program emphasizes a wider range and greater depth of subject matter than other courses and places an emphasis on literary criticism and analytical writing. Summer reading assignments are required and students may be asked to purchase novels throughout the year. 03220200-E07

English III

Grade: 11

Credit: 1

Prerequisite(s): English II

Students explore major authors and periods in American literature through the close reading and study of both fiction and nonfiction texts. Students expand their grammatical, mechanical, and syntactical skills of language through the integration of written and oral discourse with a focus on argumentation, literary analysis, and research-based composition. 03220300-E09

**AP English III and/or Dual Credit
(TJC 1301 and 1302 [3-6 hrs])**

Grade: 11

Credit: 1

Prerequisite(s): Honors Criteria; English II; Early Admissions Criteria; PreAP 9th & 10th Strongly Recommended

Students focus on complex analytical reading of fiction and nonfiction works, along with intense style analysis of various multi-cultural written and spoken selections. Students must be committed to independent study time, as well as investigative research on contemporary social issues and various literary tasks, such as the précis. Multitudes of writing tasks including: timed writings, literary analysis, and rhetorical argument will afford students with advanced composition skills, as well as refinement of techniques for properly addressing purpose and audience. Students will enhance their SAT and academic vocabulary knowledge, and learn ways to succeed in standardized testing situations. Students may receive college credit for this class if they score well on the AP Language and Composition Exam, or enroll in dual credit with prior approval. Preparation for the AP exam, and specific focus on English 1301 and 1302 curriculum, compromise the focus of this class. Summer reading assignments are required and students may be asked to purchase novels throughout the year. All students will be tested on summer reading assignments during the first week of school. A3220100-E11 or E13

English IV

Grade: 12

Credit: 1

Prerequisite(s): English III (Student may not earn English IV credit prior to earning credit for English III.)

Students focus on understanding the development of the English language through studying the historical context and major themes of British works across major literary periods and their relevance to today. Students master their communication skills by demonstrating their ability to adjust for various purposes and audiences, whether in written, spoken and/or visual media. Students continue to produce

argumentation and analysis essays with a strong emphasis on mastering the use of research to bolster both. 03220400-E15

**AP English IV and/or Dual Credit
(TJC 2332 and 2333 [3-6 hrs])**

Grade: 12

Credit: 1

Prerequisite(s): Honors Criteria; English III; Early Admissions Criteria (Student may not earn English IV credit prior to earning credit for English III.)

This course is designed for students who have either taken AP English III and/or students who received college credit for Eng 1301 & 1302 through AP testing or paying tuition to an approved college in their junior year. Advanced Placement senior English focuses on developing the types of interpretative skills and writing competencies which prepare students for the AP English literature examination and for advanced work at the college level. Students receive intensive training in analyzing literature for structure, in analyzing the flow of details in an author's writing style, and in developing the ability to question a literary text. Selections are drawn from a wide range of historical periods. Students enrolled in the AP course are encouraged to take the Advanced Placement Literature exam in May. Successful completion of a previous Pre-AP/AP English course is recommended but is not required. Students may be asked to purchase additional novels throughout the year. Summer reading projects are required for both approved college concurrent enrollment and AP students. A3220200-E17 or E19

**English IV @ an Approved College
Concurrent Enrollment**

Grade: 12

Credit: 1

Prerequisite(s): Honors criteria; Approved College Early Admissions Criteria (Student may not earn English IV credit prior to earning credit for English III.)

Students must qualify for Honors placement in order to request this course. This course will count for both high school and college credit from an approved college. Students who receive prior approval with the

counseling office and who register with an approved college can receive credit for both high school and college English. Six hours of college-level English are equal to one full credit of English IV. 03220400-E21, E22, E23, E24

Literary Genre

Grade: 10-12

Credit: .5

Prerequisite(s): Prior approval from current English teacher

Students enrolled in Literary Genres will spend time analyzing the fictional and poetic elements of literary texts and read to appreciate the writer's craft. High school students will discover how well written literary text can serve as models for their own writing. Students respond to texts through such varied avenues as talk, print, and electronic formats to connect their knowledge of the world with the text being read. 03221500-E33

Creative and Imaginative Writing

Grade: 10-12

Credit: .5

Prerequisite(s): Prior approval from current English teacher

Creative and Imaginative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as essays, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of his/her own writing as well as the writing of others insures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers. 0321200-E31

readers in moving toward grade level in reading skills. It is designed for students whose test scores and classroom-based assessment results indicate he/she is reading at one or more grade levels below his or her grade level. Activities focus on expanding vocabulary skills, improving comprehension skills, and strengthening listening, viewing, speaking, and writing skills. Students will learn reading strategies to use with a broad range of fiction and non-fiction texts and respond orally and in written form. They will further develop academic writing skills by improving language mechanics and grammar usage. This course prepares students for success by further expanding their reading, writing, and vocabulary. The development of these skills will enable them to become better critical thinkers and learn to research information and use it properly. The class focuses on skills and strategies to meet the ELL Language Arts Standards in Reading, Writing, Speaking, and Listening. Preparing for standardized tests in reading and writing is also a key component of this course. Not only does the design of this class prepare students for success in mainstream classes, but it develops reading skills for success in college courses and careers. 032707000-E39 / 0327080, CK-E40 / 03270900, CK-E41

READ 180 I, II and III

Grade: 9-12

Credit: 1

Prerequisite(s): None

READ 180 is an intensive supplemental English Language Arts course designed to assist struggling

Mathematics

STATE ACCREDITED COURSES

Algebra I

Grade: 9-12

Credit: 1

Prerequisite(s): 8th grade math or Pre-Algebra/Math
Algebra I is the foundation for all future mathematic's courses. In this course, topics covered include the number system, functionality, combining and factoring polynomials, solving and graphing linear equations and inequalities, and solving and graphing basic quadratic equations. Graphing calculators are used to increase students' understanding by comparing algebraic and graphical representations. 03100500-M01

Geometry

Grade: 9-12

Credit: 1

Prerequisite(s): Algebra I
Geometry develops logic and reasoning skills. In this course, topics covered include angles, similarity and congruence, transformations, formal proofs, and perimeter, area, surface area and volume. Students use a variety of tools and technology to explore these relationships with emphasis placed on real-world application. 03100700-M05

Pre-AP Geometry

Grade: 9-12

Credit: 1

Prerequisite(s): Algebra I, Honors Criteria and Teacher Recommendation
In Pre-AP Geometry, students will continue building conceptual understanding of functions, problem solving and algebra relationships. They will study, in depth, geometric properties and relationships. This course goes beyond the requirements of Geometry and emphasizes skills needed for higher level mathematics. Students will use multiple representations, technology, applications and modeling, and numerical fluency in problem solving contexts. 03100700-M07

Mathematical Models With Applications

Grade: 10-11

Credit: 1

Note: For minimum and recommended graduation plans only.

Prerequisite(s): Algebra I and Teacher

Recommendation

Math Models is designed for those students who want to solidify their mathematical understanding and application of Algebra I and Geometry. They will learn to use a wide range of explicitly and recursively defined functions to model the world around them. 03120400-M10

Algebra II

Grade: 10-12

Credit: 1

Prerequisite(s): Algebra I and Geometry

The Algebra II curriculum serves as the primary foundation of future mathematics courses. Content is designed to extend the concepts presented in Algebra I and Geometry and to explore additional algebraic topics in the areas of linear and quadratic relations and functions, linear and quadratic inequalities, matrices, exponential and logarithmic functions, complex numbers, polynomials and polynomial functions, rational functions, and conics. 03100600-M11

Pre-AP Algebra II

Grade: 9-11

Credit: 1

Prerequisite(s): Algebra I, Honors Criteria and Teacher Recommendation

Pre-AP Algebra II will cover all the regular topics presented in Algebra II plus an introduction to Trigonometry. The curriculum is presented in greater depth and at a more rapid pace. Refinement and extension of algebraic methods will lead to investigation of the connections and interplay among various mathematical topics and their applications. Problem solving, communication, reasoning, and mathematical disposition will be stressed. 03100600-M13

Independent Study in Mathematics

(FCM)

Grade: 11-12

Credit: 1

Prerequisite(s): Algebra II & Teacher

Recommendation

This course will provide a strong foundation of algebraic concepts, techniques and applications to prepare students for college level courses. Stress will be placed on strengthening algebra skills in the context of linear, quadratic, exponential, logarithmic, polynomial and trigonometric functions. Students will also be exposed to history of mathematics and topics in Statistics. 03102500-M23

Precalculus

Grade: 11-12

Credit: 1

Prerequisite(s): Algebra 2; Teacher Recommendation

Precalculus is designed to prepare students for college mathematics. This rigorous college-preparatory course stresses the functional and algebraic approaches to functions while covering conic sections, polar coordinates, recursion and sequences and series. There is an in-depth study of trigonometry from a geometric, graphical and functional approach. Real-world application is a unifying theme. 031001100-M15

Pre-AP Precalculus

Grade: 11-12

Credit: 1

Prerequisite(s): Pre AP Algebra 2, Teacher

Recommendation

This course provides a solid, well-balanced foundation for AP Calculus and college mathematics and covers the same topics as the regular Precalculus class in greater depth and at a faster pace. Also included, is an introduction to calculus concepts such as limits, derivatives and integrals. This course is geared toward students who intend to take AP Calculus and who desire an in-depth foundation for further college-level mathematics. 03101100-M21

College Algebra (TJC Math 1314 [3 hrs])

Grade: 12 or Teacher Recommendation

Credit: College Credit Only. May be substituted for Algebra II Dual Credit with Principal's approval

Prerequisite(s): Algebra II or Teacher

Recommendation, College Early Admission Criteria

This course covers a variety of algebraic topics, including linear, quadratic, polynomial, rational, exponential and logarithmic functions; systems of equations and inequalities, matrices and determinants. Students will be responsible for registration with TJC and required software and/or books. See your counselor at WHS for more information. 84100ALG-M35

AP Calculus (AB)

Grade: 11-12

Credit: 1

Prerequisite(s): Pre AP Calculus or Precalculus with Teacher Recommendation

Advanced Placement Calculus covers the topics of elementary functions, differential calculus and integral calculus. Students who enroll in Advanced Placement Calculus should have a thorough knowledge of algebra, geometry, coordinate geometry, and trigonometry as well as advanced topics in algebra, trigonometry, analytic geometry, and elementary functions. The course is primarily concerned with an intuitive understanding of the concepts of calculus with emphasis on methods and applications. The term is spent on topics in differential and integral calculus, which will prepare the students for the College Board Advanced Placement test in Calculus (AB). The use of current technology as problem-solving and discovery tools will be integrated throughout the course whenever possible. A3100101-M27

CALCULUS I (TJC MATH 2413 [4 hrs])

Grade: 12

Credit: 1

Prerequisite(s): Math 2412 with a grade of "C" or better or acceptable placement test score

This course focuses on limits and continuity; the

Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the Chain Rule, Mean Value Theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas. A3100101-M30

Engineering Mathematics

Grade: 11-12

Credit: 1

Prerequisite(s): Algebra 2 or Teacher Recommendation

This Advanced 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.

13036700-M55

AP Statistics

Grade: 11-12

Credit: 1

Prerequisite(s): Algebra 2 or PAP Algebra II, Teacher Recommendation

This Advanced Placement course in statistics will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data; planning a study; anticipating patterns; and statistical inference.

A3100200-M38

Statistics (TJC Math 1342 [3 hrs])

Grade: 12

Credit: College Credit Only. May be substituted for Statistics Dual Credit with Principal's approval.

Prerequisite(s): Algebra II, Teacher Recommendation, College Early Admission Criteria

This course in statistics will introduce students to the major concepts and tools: presentation and interpretation of data, probability, sampling, correlation and regression, analysis of variance, and the use of statistical software. Students will be responsible for registration with TJC and required software and/or books. See your counselor at WHS for more information. M382

LOCAL ACCREDITED COURSES

Consumer Math

Grade: 12

Credit: 1 Local Credit

Prerequisite(s): Algebra I and Geometry

Students are introduced to such everyday life skills as balancing a checkbook, calculating net pay, budgeting expenses, making cost comparisons, buying and renting a home, and finding the cost of operating a motor vehicle. Basic business matters, including borrowing money, investing, and calculating business profits and losses are also included. The goal of this course is to guide students in building a strong foundation in logical thinking and problem solving that will enable them to make good decisions concerning matters of money and finance in their daily lives. 84100MTH-M25

Science

Biology

Grade: 9

Credit: 1

Prerequisite(s): None

The course offers a general survey of the biological sciences including cellular biology, genetics, microbiology, zoology, botany, and ecology. Emphasis is placed on integrating concepts with common daily events (e.g. health, agriculture, industry). 03010200-SC01

Pre –AP Biology

Grade: 9

Credit: 1

Prerequisite(s): Honors Criteria

This course is designed for the highly motivated college-bound student who is willing to invest extra effort in the course. This course is strongly recommended for 9th grade students in the honors program who have taken Algebra I. It covers the same general topics as regular biology but in more depth. Students will have more opportunities for laboratory, enrichment activities, and research projects. 03010200-SC05

AP Biology

Grade: 10-12, 10-11 (with written permission from teacher and parent)

Credit: 1

Prerequisite(s): Honors Criteria; Biology or Pre-AP Biology and Chemistry or Teacher Recommendation

The College Board's AP Biology program provides able and motivated students an opportunity to pursue college-level biological studies. Students may opt to take the AP Biology examination in May in order to obtain credit and/or placement at college. The three main areas covered are molecules and cells, genetics and evolution, and organisms and populations. A3010200-SC03

Integrated Physics & Chemistry

Grade: 10

Credit: 1

Note: For minimum and recommended graduation plans only.

Prerequisite(s): None

Students are introduced to the basic concepts of physics and chemistry. Topics include safety, scientific methods, measurement, mechanics, optics, acoustics, electricity magnetism and the basic concepts of general and organic chemistry. 03060201-SC07

Chemistry

Grade: 10-11

Credit: 1

Prerequisite(s): Algebra I

This course offers a study of mixtures, compounds and chemical reactions, structure of matter, reaction rates, acids and bases. Laboratory techniques are developed throughout the course. A solid background in algebra is needed for this course. 03040000-SC09

Pre-AP Chemistry

Grade: 10-11

Credit: 1

Prerequisite(s): Honors Criteria; Algebra I; Integrated Physics and Chemistry and/or Biology

This course is intended to prepare students for AP Chemistry or upper level science classes. Students will receive a strong and complete foundation in chemical concepts. Laboratory experiences will be more in-depth than those in Chemistry I. Pre AP Chemistry requires a stronger background than regular chemistry. 03040000-SC13

AP Chemistry

Grade: 11-12, 11 (with written permission from teacher and parent)

Credit: 1

Prerequisite(s): Honors Criteria; Pre-AP Chemistry, Algebra II (either credit earned or concurrently enrolled)

This second-year Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. There will be an

emphasis on providing a laboratory experience equivalent to that of a typical college course. There will be an emphasis on chemical calculations and the mathematical formulation of principles. 03040000-SC09

Physics

Grade: 11-12

Credit: 1

Prerequisite(s): Biology, Chemistry, Algebra I

Physics is a first year conceptual physics course which studies motion, work, energy, light, sound, electricity, and the atom. This course is designed for the student who needs to understand the concepts of physics on a conceptual, not mathematical, basis. 03050000-SC15

AP Physics 1:

Grade: 11-12

Credit: 1

Prerequisite(s): Physics; Honors criteria; enrolled in Precalculus or Calculus

This is an algebra-based physics course. This course replaces the Pre-AP Physics course. It is equivalent to the first-semester course in a college level algebra-based physics. The course covers Newtonian mechanics, work, energy, power, mechanical waves, and sounds. Electric circuits are also introduced.

This course is designed for college bound students and the AP test will be available for students to take in May. A3050003-SC20

AP Physics 2:

Grade: 11-12

Credit: 1

Prerequisite(s): AP Physics 1

This is the second year algebra-physics course. It is equivalent to the second-semester course in a college level algebra-based physics. This course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, atomic and nuclear physics. The AP test, for college credit, will be available for students to take in May. This course is designed for college bound students who wish to major in non-science fields, pre-med or biology. A3050004-SC202

AP Physics C:

Grade: 11-12

Credit: 1

Prerequisite(s): AP Physics 1 and co-enrollment in Calculus

This is the second year calculus based-physics course. This course is equivalent to the first year physics course taken by science and engineer majors. Topics include the calculus applications to kinematics, dynamics, energy, rotation, gravitation, electrostatics, electricity, and magnetism. The AP test, for college credit, will be available for students to take in May. This course is designed for college bound students who wish to major in physics or engineering. A3050002-SC204

Astronomy

Grade: 11-12

Credit: 1

Prerequisite(s): Biology and Integrated Physics and Chemistry or Chemistry

The Astronomy course includes an in-depth study of the role of the Sun in our solar system; planets; and the orientation and placement of the Earth as well as a thorough exploration of the universe, scientific theories of the evolution of the universe; and characteristics and the life cycle of stars. 03060100-SC21

Anatomy & Physiology Honors

Grade: 11-12

Credit: 1

Prerequisite(s): Biology and Chemistry, Honors Criteria

Students focus on the study of body systems, which starts with a review of cellular organelle functions and tissue layer functions. This builds a foundation for the study of higher-level organ systems and function. Anatomy & Physiology provides a firm foundation for students with an interest in the sciences and career goals such as medicine, dentistry, physical and occupational therapy, emergency/first-aid, and athletic training. 13020600-SC27

Environmental Systems

Grade: 11-12

Credit: 1

Prerequisite(s): Biology and Integrated Physics & Chemistry or Chemistry

This course focuses on the relationship between man and his environment in the past, present, and future. Instruction for the first semester will concentrate on the background of society, ecology, and population control; second semester concentrates on aquatic environments, the atmosphere, hazardous waste and energy. This course requires outdoor field work and the use of instrumentation. 03020000-SC25

Earth and Space Science

Grade: 12

Credit: 1

Prerequisite(s): Biology, Chemistry, Physics, Algebra I, Algebra II, Geometry

Earth and Space Science provides a study of the earth's lithosphere, atmosphere, hydrosphere, and its celestial environment. This course emphasizes the study of energy at work in forming and modifying earth materials, land form, and continents through geological time. Students have opportunities to gain an understanding of the history of the development of the earth and space sciences, to explore the uses of knowledge of the earth and its environment in various careers, and to cope with problems related to personal needs and social issues. 03060200-SC28

Advanced Plant and Soil Science

Credit: 1 credit

Grade: 12

Prerequisite(s): Three Credits of Science

Plant and Soil Science provides a way of learning about the natural world. Students learn how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. Investigations, laboratory practices, and field exercises will be used to develop an understanding of current plant and soil science. 13002100-CAG44

Advanced Animal Science

Credit: 1 credit

Grade: 12

Prerequisite(s): Three Credits of Science

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock. This class is recommended for those students with an interest in Veterinary Science. 13000700-CAG43

Social Studies

World Geography

Grade: 9-12

Credit: 1

Prerequisite(s): None

Students will explore the study of geography by utilizing the themes of: Location, Place, Movement, Human and Environmental Interaction and Region. Students will examine the distribution and interaction of physical and human features on the earth including the comparing of cultures and analyzing current global issues. 03320100-SS01

Pre-AP World Geography

Grade: 9-12

Credit: 1

Prerequisite(s): Honors Criteria.

In addition to the standard curriculum, this course includes enrichment above that of regular World Geography. In this class, students will explore our world and human relationships by using higher order thinking skills to ask geographic questions, investigate and present geographic data and to make applicable generalizations. A variety of cooperative and individual learning experiences, including research, will guide students into making judgments, surveys, recommendations and opinions while, at the same time, become culturally aware of the world's inhabitants. Students will also be required to complete a summer reading assignment prior to the school year. The reading assignment will involve reading a combination of sources and the creation of a written product, which will be due on the first day of class. The content of the reading assignment will also be tested during the first week of school. 03320100-SS03

World History

Grade: 11-12

Credit: 1

Prerequisite(s): None

Students will study world history from the prehistoric to the present, using a global perspective. Students will use a variety of sources and strategies to understand the fundamental relationships between

past and present cultures. Students will also analyze the growth of institutions, ideas, and attitudes over time, as well as the relationship and interaction between different people groups. 03340400-SS05

AP World History

Grade: 11-12

Credit: 1

Prerequisite(s): Honors Criteria

Students in this challenging course will study world history from the prehistoric period to the present using a global perspective. The course is also designed to prepare students for the AP Exam administered in the spring by the College Board. Students will be introduced to AP skills and concepts integrated within the curriculum. Students will become proficient with primary and secondary source analysis. In addition, students will use and develop the AP World History "Habits of Mind." Recognizing and understanding cause and effect relationships, multiple causation, trends, themes, interaction, and change, and continuity in shaping human events will also be stressed. The course has a heavy emphasis on improving students' reading and writing skills. In addition, students will be exposed to multiple individual and group research assignments and presentations. Outside reading and writing is extensive in this course. Students will also be required to complete a summer reading assignment prior to the school year involving the textbook and one outside reading. The summer assignment involves both reading the books and a writing assignment. All summer assignments will be due the first week of school. A3370100-SS09

United States History

Grade: 10-12

Credit: 1

Prerequisite(s): None

Students examine the development of the United States' political, cultural, and economic growth from the Civil War through current times. 03340100-SS11

Pre-AP United States History

Grade: 10-12

Credit: 1

Prerequisite(s): Honors Criteria

This course is designed for students interested in an in-depth study of our American heritage. Course requirements include research, readings and writings on a variety of topics allowing students to investigate areas of interest.

AP United States History

Grade: 10-12

Credit: 1

Prerequisite(s): Honors Criteria

This course of study is designed to provide students with analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. Students will learn to assess historical material and to weigh evidence and interpretations presented in historical scholarship. Students will analyze and interpret primary sources, learn to take notes, write essay examinations, and write analytical and research papers. Students should be able to express themselves with clarity and precision and know how to cite sources and credit the phrases and ideas of others. Preparation for the AP test is included. A student scoring well may place out of three to six college credit hours. A3340100-SS13

United States Government

Grade: 12

Credit: .5

Prerequisite(s): None

Government is a detailed study of the local, state, and national governments with emphasis on the judicial, legislative, and executive departments of the government. 03330100-SS25

AP United States Government

Grade: 12

Credit: .5

Prerequisite(s): Honors Criteria-For early graduates, must also have finished or be enrolled in AP U.S.

History

Students in this challenging course will acquire an analytical perspective on government and politics in the United States. Students will be exposed to and acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes in our political process. The course has a heavy emphasis on reading and writing assignments. In addition, students will be exposed to multiple individual and group research assignments and presentations. The course will explore in depth: the kind of government established by the Constitution; how American political beliefs and behaviors formed and evolved; the various mechanisms that allow citizens to express interests and concerns; the organization and functions of the institutions of our national government; how public policy is formulated and implemented; and the Judicial interpretations of citizens' civil rights and liberties contained in the Constitution. 3330100-SS27

Government @ an Approved College

Concurrent Enrollment

Grade: 12

Credit: .5

Prerequisite(s): Honor criteria; TJC Early Admissions Criteria

Students must qualify for Honors placement in order to request this course. This course will count for both high school and college credit from Tyler Junior College. A3330100-SS27

Economics

Grade: 12

Credit: .5

Prerequisite(s): None

A study of the basic economy of the United States. Students are taught to understand the free market system and the way it functions. 03310300-SS15

SOCIAL STUDIES ELECTIVES

Micro Economics at an Approved College

Grade: 12

Credit: .5

Prerequisite(s): Honors Criteria

The purpose of the course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers within the economic system. The course will place emphasis on four main topics: basic economic concepts, the nature and functions of product markets, factor markets, and the role of government in an efficient and equitable economy.

To satisfy the Economics credit for graduation, the student must also successfully complete Macro Economics at an approved college. A3310100-SS17

Macro Economics at an Approved College

Grade: 12

Credit: .5

Prerequisite(s): Honors Criteria

The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course will place emphasis on an analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.

To satisfy the Economics credit for graduation, the student must also successfully complete Micro Economics at an approved college. A3310200-SS19

Psychology

Grade: 11-12

Credit: .5

Prerequisite(s): None

Designed as an introductory class in psychology, the course focuses on the biological aspects of psychology, behaviorism, abnormal psychology and social psychology. 00350100-SS43

Sociology

Grade: 11-12

Credit: .5

Prerequisite(s): None

This course includes the systematic, scientific study of human social behavior. The focus assumes group rather than individual perspective and relationships. Using current documents, students will study components of history of sociology, research methods, culture, social control, gender, race, and age demographics, and issues. 03370100-SS47

AP Human Geography

Grade: 11-12

Credit: 1

Prerequisite(s): World Geography, World History

The purpose of the AP Course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also will learn about geographers' methods and tools by using their science and practices. Students who successfully complete the course and examination may receive credit for one semester of college credit. Students will also be required to complete a summer reading assignment prior to the school year. The reading assignment will involve reading a combination of sources and the creation of a written product, which will be due on the first day of class. The content of the reading assignment will also be tested during the first week of school. A336010-SS32

Military History

Grade: 11-12

Credit: .5

Prerequisite(s): None

Survey of the world history of warfare and military tactics from ancient times to modern day. Students will examine the role of the military and conflict on both the ancient and modern world. Students will research and analyze the strategic, technological, cultural, and

political influence of warfare on human history and the development of civilizations from Ancient Greece to the war in Afghanistan. Students will study the basic war theories of Thucydides, Herodotus, Sun Tzu, and Clausewitz. Primary and secondary sources will be emphasized and analyzed throughout the course. Change and continuity over time will be illustrated by using the following themes within each era of military history. Course will utilize mapping, reading and writing skill components for grades. Projects will include research, video, and Hypothetical “What if” scenarios to simulate how they might react as a leader in battle. *Great course for anyone interested in a career in the Armed Forces. SS40 03380002

Reel America: American History through Film

Grade: 11-12

Credit: .5

Prerequisite(s): None

Reel America is the study of American History through popular film. The course begins study with the creation of the first silent motion pictures progressing to films with sound, color, and computer generated images (CGI) through the early 21st Century. 03380002-SS41

Languages Other Than English (LOTE)

The LOTE Department (formerly Foreign Language) strongly recommends that a student wanting to complete only two years of LOTE should first successfully complete freshman and/or sophomore English. This will minimize the amount of time between completing LOTE courses in high school and enrolling in college. This will also allow students to gain a more thorough understanding of the English language that serves as a foundation in pursuing studies in other languages.

French I

Grade: 9-12

Credit: 1

Prerequisite(s): None

**Recommended 85+ average in Language Arts/English.*

French I is an introductory study of the French language with emphasis on developing listening, speaking, reading, and writing skills. The course also introduces the culture of the French-speaking world. 03410100-FL03

French II

Grade: 10-12

Credit: 1

Prerequisite(s): French I.

French II presents more complex structures of basic French and expands the cultural themes of the first level. Added emphasis is placed on conversational skills and culture. Memorization as well as learning new words and tenses will be a major part of this course. 03410200-FL05

French III Pre-AP

Grade: 11-12

Credit: 1

Prerequisite(s): French II, Honors Criteria, Instructor Approval

The study of the French language, culture, and history provides students with opportunities to further develop grammatical literacy and the social, communicative, and functional aspects of the French language. Students who receive prior approval with the counseling office and who register with Tyler Junior College can receive credit for both high school and college French. 03410300-FL07

AP French IV

Grade: 12

Credit: 1

Prerequisite(s): French III; Honors Criteria

An in-depth study of French culture and civilization helps students develop communicative skills in French listening, oral narrative, reading, and essay writing. A3410100-FLO9

Spanish I

Grade: 9-12

Credit: 1

Prerequisite(s): None

**Recommended Exploratory Spanish and/or 85+ average in Language Arts/English.*

Spanish I is an introductory study of the Spanish language with emphasis placed on developing listening, speaking, reading, and writing skills. The course also introduces the culture of the Spanish-speaking world. Please note that students receiving high school credit for Spanish I in 8th grade will not be allowed to repeat this course on the high school campus. 03440100-FL30

Spanish II

Grade: 9-12

Credit: 1

Prerequisite(s): Spanish I.

Spanish II presents more complex structures of basic Spanish grammar and expands the cultural themes of the first level. Added emphasis is placed on conversational skills. Memorization as well as

learning new words and tenses will be a major part of this course. 03440200-FL32

Spanish III

Grade: 10-12

Credit: 1

Prerequisite(s): Spanish II and teacher approval

Spanish III provides students additional opportunities to enhance their language skills. The study of the Hispanic language, culture, and history provides students with opportunities to further develop grammatical literacy and the social, communicative, and functional concepts of the Spanish language. This course is recommended for students who are interested in a third year of a foreign language and are not in the honors program or feel that Pre-AP Spanish III may be too difficult. 03440300-FL34

Pre-AP Spanish III and/or TJC Concurrent Enrollment (Span 1411 and Span 1412)

Grade: 10-12

Credit: 1

Prerequisite(s): Honors Criteria and teacher approval

Spanish III provides students additional opportunities to enhance their language skills. The study of the Hispanic language, culture, and history provides students with opportunities to further develop grammatical literacy and the social, communicative, and functional concepts of the Spanish language. Students who receive prior approval with the counseling office and who register with Tyler Junior College can receive credit for both high school and college Spanish. 03440300-FL35

AP Spanish IV

Grade: 11-12

Credit: 1

Prerequisite(s): Pre-AP Spanish III; Honors Criteria and teacher approval

AP Spanish IV provides students with opportunities to reach an intermediate level of proficiency in Spanish. A more in-depth study of the Hispanic culture and civilization helps focus students on developing communicative “survival” skills in the language. Students will develop testing skills in

listening, oral narration, reading, and essay writing in Spanish. These skills will help prepare students for success on the Spanish AP Language Examination. A3440100-FL42

American Sign Language I

Grade: 9-12

Credit: 1

Prerequisite(s): None

In this introductory course, focus will be placed on basic vocabulary as well as basic ASL sentence structure and grammar. Students will begin studies in Deaf Culture, Deaf History, the anatomy and physiology of the human ear, and types and causes of deafness. 03980100-FL10

American Sign Language II

Grade: 10-12

Credit: 1

Prerequisite(s): American Sign Language I

A continued study of vocabulary, grammar, and sentence structure in ASL, with special emphasis placed on storytelling using key concepts of visualization and chronological order is the focus of this course. Students will also be continuing to further explore Deaf Culture and history and will be required to attend Deaf social events throughout the academic year. 03980200-FL12

American Sign Language III

Grade: 11-12

Credit: 1

Prerequisite(s): American Sign Language I, II and Instructor Approval

This third level of ASL is geared towards those students with an extreme interest in ASL teaching, interpreting, deaf education, or other career fields which may utilize ASL on a frequent basis. In this course, students will dive deeply into linguistic studies of ASL, as well as continue to explore vocabulary, storytelling, Deaf Culture, and Deaf History. Students will also be required to work on the interpretation of conversations and ASL presentations, and to interact socially in the local Deaf community on a constant basis. This year will end with a collaborative student-created performance using ASL only. 03980300-FL14

American Sign Language IV

Grade: 12

Credit: 1

*Prerequisite(s): American Sign Language I, II, III and
Instructor Approval*

This fourth level of ASL is geared towards those students that desire a deeper understanding of ASL teaching, interpreting, deaf education, or other career fields which may utilize ASL on a frequent basis.

03980400-FL16

Technology

Principles of Architecture and Construction

Grade: 9-12

Credit: 1

Prerequisite(s): Recommended Algebra I and BIM I

This course provides an overview to the various fields of architecture, interior design, construction science, and construction technology. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Job-specific, skilled training is provided through the use of training modules to identify career goals in trade and industry areas. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology Applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging; and reading technical drawings.

Course can count for one credit of technology.
13004200-CAR10

Business Information Management I

Grade: 9-12

Credit: 1

Prerequisite(s): Recommended Algebra I

Students develop intermediate level technology skills with applications to personal or business situations focusing on word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, operating systems, networking, and emerging technologies.

Course can count for one credit of technology.
13011400-CBU12

Business Information Management II

Grade: 10-12

Credit: 1

Prerequisite(s): Business Information Management I

Students implement personal and interpersonal skills to strengthen individual performance in the

workplace and post-secondary education. Students will apply complex technical skills through word-processing and spreadsheet, and developing electronic presentations using multimedia software.

Course can count for one credit of technology.
13011500-CBU31

Digital and Interactive Media – Adobe Print Design©

Grade: 10-12

Credit: 1

Prerequisite(s): BIM I or Principles of Information Technology recommended

Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment. Course can count for one credit of technology. 13027800-CIT22

Web Technologies – Adobe Web Design©

Grade: 10-12

Credit: 1

Prerequisite(s): BIM I or Principles of Information Technology recommended

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

Course can count for one credit of technology. 13027900
CIT23

Principles of Information Technology

Grade: 9-12

Credit: 1

Prerequisite(s): None

Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. 13027200 CIT10

Course can count for one credit of technology.

Computer Programming

Grade: 10-12

Credit: 1

Prerequisite(s): Principles of Information Technology and Algebra I.

Students acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

Course can count for one credit of technology.

Advanced Computer Programming

Grades: 10-12

Credit: 1

Prerequisite(s): Computer Programming

Students expand their knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students analyze the social responsibility of business and industry regarding the significant issues relating to environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging

technologies.

Course can count for one credit of technology. 13027600 CIT25

Research in Information Technology Solutions

Grade: 11-12

Credit: 1

Prerequisite(s): Advanced Computer Programming

Students gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, information technology experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship, or as career preparation. Course can count for one credit of technology.

Course can count for one credit of technology. 13028000 CIT31

Touch System Data Entry

Grade: 10-12

Credit: 1

Prerequisite(s): None

Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents. *Course can count for one credit of technology for the Foundation Graduation Plan with no Endorsements only. 13011300 CBU15*

Fine Arts

MUSIC

Applied Music I Band

Applied Music II Band

Grade: 11-12

Credit: 1

Prerequisite(s): Band; Teacher approval

This course is designed for students to improve their proficiency on the individual instruments. Work will be included on technical and melodic studies, as well as preparation for solo and ensemble contests and All-State Band tryouts. A maximum of 2 credits may be earned during high school. 03152500 FAB22, 03152600 FAB23

Band I 03152100 FAB22

Band II 03152200 FAB23

Band III 03150300 FAB27

Band IV 03150400 FAB28

Grade: 9-12

Credit: 1

Prerequisite(s): 8th Grade Band

Band offers students the opportunity to increase skills that began in middle school band. Students have the opportunity to participate in various contests during the year, both group and individual.

Choir I

- **Treble Choir I** 03150900 FAC10
- **Men's Choir I** 03150900 FAC50

Choir II

- **Treble Choir II** 031501000 FAC12
- **Men's Choir II** 031501000 FAC51
- **Varsity Mixed Choir I** 03150900 FAC17
- **Show Choir II** 03152100-FAC22

Choir III

- **Treble Choir III** 031501100 FAC14
- **Men's Choir III** 031501100 FAC52
- **Varsity Mixed Choir II** 031501000 FAC18
- **Show Choir III** 03152200-FAC24

Choir IV

- **Treble Choir IV** 031501200 FAC16
- **Men's Choir IV** 031501200 FAC53
- **Varsity Mixed Choir III** 031501100 FAC19
- **Show Choir IV** 03152300-FAC26

Treble Choir

Grade: 9-12

Credit: 1

Prerequisite(s): None

This choir is open to all girls with little or no choral experience, or ladies who have not demonstrated mastery of skills needed for the Varsity Mixed Choir. It is a non-auditioned group that any girl interested in singing may take. Skills learned in this group will be built on basic skills mastered in Jr. High choir. Students will develop the sight reading, vocal and performance skills necessary for UIL competition on the non-varsity level. All contests are available to members of this group. 03150900 FAC10

Men's Choir

Grade: 9-12

Credit: 1

Prerequisite(s): None

This choir is open to all men with little or no choral experience, or men who have not demonstrated mastery of skills needed for the Varsity Mixed Choir. It is a non-auditioned group that any boy interested in singing may take. Skills learned in this group will be built on basic skills mastered in Jr. High choir. Students will develop the sight reading, vocal and performance skills necessary for UIL competition on the non-varsity level. All contests are available to members of this group.

Varsity Mixed Choir

Grade: 10-12 or Director Approval

Credit: 1

Prerequisite(s): None

This choir is open to upperclassmen (sophomore-senior) and freshman men who have been auditioned/approved by director. Members are admitted by audition or director approval only.

Advanced music skills are developed, and students are expected to participate in All-Region and/or Solo & Ensemble competitions. Students will develop sight reading, vocal and performance skills necessary for UIL competition on the varsity level. 03150900 FAC17

Show Choir

Grade: 10-12

Credit: 1

Prerequisite(s): Audition only member of both the varsity mixed choir and show choir. Students in this class must have both choir classes to qualify. 03152100 FAC22

Dance / Drill Team

Dance I 03830200 FAD33

Dance II 03830200 FAD34

Dance III 03830300 FAD35

Dance IV 03830400 FAD36

Grade: 9-12

Credit: 1 (Fine Art)

Prerequisite(s): none

This course provides students opportunities to develop an understanding of terms and factors that influence movement, creative expression through movement, self-confidence, and space, time and energy as design factors in dance technique. Units include fundamentals of dance, jazz, tap, ballet, modern, folk dance, nutrition, anatomy of the body, and choreography. Students will have the opportunity and will be encouraged to perform at public performances throughout the year. Attending public dance shows and musicals are also highly encouraged for knowledge and development of appreciation of the subject of dance. Students will be assessed with written tests, skills tests, and recognition tests. They will also be required to write critiques of shows and films observed. A notebook and dance clothes are required. Students will gain an appreciation of dance as an art form.

Dance I Pre-Drill

Grade: 9-12

Credit: 1 (Fine Art)

Prerequisite(s): none

This course provides students opportunities to develop an understanding of terms and factors that influence movement, creative expression through movement, self-confidence, and space, time and energy as design factors in dance technique. Units include fundamentals of dance, jazz, tap, ballet, modern, folk dance, nutrition, anatomy of the body, and choreography. Students will have the opportunity and will be encouraged to perform at public performances throughout the year. Attending public dance shows and musicals are also highly encouraged for knowledge and development of appreciation of the subject of dance. Students will be assessed with written tests, skills tests, and recognition tests. They will also be required to write critiques of shows and films observed. A notebook and dance clothes are required. This course is for students wanting to prepare to tryout to become a member of the drill team. 03830100 FAD28

Drill Team I

Grade: 10-12

Credit: 1 (Fine Art or PE)

Prerequisite(s): Dance I, Dance I Pre-Drill, or Director Approval

Drill Team I is designed for the student in their first year of Drill Team. All students enrolled in this course must have been selected as a member of the drill team and/or have the director's approval. 03830200 FAD299

Drill Team II

Grade: 10-12

Credit: 1 (Fine Art)

Prerequisite(s): Drill Team I

Drill Team II is designed for the student in their second year of Drill Team. All students enrolled in this course must have been selected as a member of the drill team and/or have the director's approval. 03830300 FAD31

Drill Team III

Grade: 11-12

Credit: 1 (Fine Art)

Prerequisite(s): Drill Team II

Drill Team III is designed for the student in their third year of Drill Team. All students enrolled in this course must have been selected as a member of the drill team and/or have the director's approval.
03830400 FAD32

Theatre

Theatre Arts I

Grade: 9-12

Credit: 1

Prerequisite(s): None

This course will emphasize expressive use of the body and voice, acting, and production concepts and skills. Students will gain aesthetic growth through appreciation of theatrical events. Students will be encouraged to attend at least one public theatrical performance. 03250100 FAT40

Theatre Arts II

Grade: 10-12

Credit: 1

Prerequisite(s): Theatre Arts I

Attending live performances and conducting in-depth studies of different areas of theater history will emphasize appreciation of theater. Technical theater and play writing concepts will be studied and implemented in this course. Students will be required to attend at least one public theatrical performance. 03250200 FAT41

Theatre Arts III

Theatre Arts IV

Grade: 11-12

Credit: 1

Prerequisite(s): Theatre Arts II/III, and Instructor Approval

These courses will emphasize auditions, performances, and theatre history. Set, costume, lighting and make-up will also be studied. Set, costume, lighting, and make-up design will also be studied. Students will be required to attend at least two public theatrical performances. 03250300 FAT42 / 03250400 FAT43

Theatre Production I

Grade: 10-12

Credit: 1

Prerequisite(s): Audition Only

This course will allow credit for a student's participation in school productions. Attendance, participation, cooperation, and overall performance will be graded. Class time will also be used for hands-on work in preparing for and producing plays.
03250700 FAT44

Theatre Production II

Grade: 11-12

Credit: 1

Prerequisite(s): Audition Only; Theatre Production I

This course emphasizes practical hands-on experiences in acting through public performances and stagecraft. 03250800 FAT45

Theatre Production III

Grade: 11-12

Credit: 1

Prerequisite(s): Audition Only; Theatre Production II

This course emphasizes practical hands-on experiences in acting through public performances and stagecraft. 03250900 FAT46

Technical Theatre I-IV

Grade: 9-12

Credit: 1

Prerequisite(s): None

Students will study the appropriate selections, construction and manipulation of those staging variables which visually and orally support the theatrical performance and the needs of the production. Students will have the opportunity to study and execute the art of costume design, make-up, lighting, set and sound. 03250500 FAT47, 03250600 FAT48, 03251000, FAT49, 03251100 FAT50

Art

The high school art program begins with Art I, an introductory course for all students with or without art training. As students develop interests in different art offerings, they then progress to Art II level specialized course offerings in Drawing, Painting, Sculpture (includes Jewelry and Ceramics). Advanced Art III level courses are offered in Drawing, Painting, Sculpture (includes Jewelry and Ceramics), Art Appreciation/History, and Advanced Placement Portfolio. For the advanced art student, Art IV level courses are offered in Drawing, Painting, Sculpture, (includes Jewelry and Ceramics), Art Appreciation/History, and Advanced Placement Portfolio. At all levels, student artwork is considered for displays, contests and scholarships. As students gain experience in basic processes, they may then choose to use more complex materials and tools. In addition to creating artwork, students will study about other artists and their artworks, past and present. Students are encouraged to take art all four years in high school if they are interested in qualifying for contest prizes and art scholarships. These opportunities are very competitive. **Students are required to purchase personal consumable supplies. All Visual Art Courses require a supply kit.**

Art I

Grade: 9-12

Credit: 1

Prerequisite(s): None

Art I is a general exploratory course that is a prerequisite for all other art courses in high school. It offers opportunities for students to work in drawing, painting, printmaking, ceramics, sculpture, jewelry, and graphic art. Students will also study about artists and their artworks and the art of different cultures. **A \$25.00 supply fee is required.** 03500100 FAA40

Drawing II

Grade: 10-12

Credit: 1

Prerequisite(s): Art I/03500500 FAA47

Drawing III

Grade: 11-12

Credit: 1

Prerequisite(s): Drawing II/03501300 FAA48

Drawing IV

Grade: 12

Prerequisite(s): Drawing III

**** Visual Art Instructor Recommendation**

Drawing II, III, and IV are courses, which will focus on drawing ideas and techniques as well as the logical extension of drawing into other two- as well as three-dimensional art content. Students will become aware of artists who have utilized drawing techniques as well as their artworks. As students progress through the advanced drawing classes, their materials and processes will become more sophisticated and advanced. Drawing media that might be explored through these courses are pencil, prisma color, charcoal, pastels, ink, watercolor, and acrylics. **A \$35.00 supply kit is required.** 03502300 FAA49

Painting II

Grade: 10-12

Credit: 1

Prerequisite(s): Art I/03500600 FAA41

Painting III

Grade: 11-12

Credit: 1

Prerequisite(s): Painting II/03501400 FAA42

Painting IV

Grade: 12

Prerequisite(s): Painting III

**** Visual Art Instructor Recommendation**

Painting II, III, and IV are courses that emphasize painting materials, techniques and the study of artists who have utilized painting to express their ideas. Painting techniques will be explored that lend themselves to both two- and three- dimensional artwork. Advanced painting classes will allow students more individual choices through independent activities based on the student's interests. Some media that might be introduced include watercolor, tempera, mixed media, acrylics, and oils. **A \$35.00 supply kit is required.** 03502400

FAA43

Sculpture II

Grade: 10-12

Credit: 1

Prerequisite(s): Art I 03501000 FAA44

Sculpture III

Grade: 11-12

Credit: 1

Prerequisite(s): Sculpture II 03501900 FAA45

Sculpture IV

Grade: 12

Prerequisite(s): Sculpture III 03502800 FAA455

**** Visual Art Instructor Recommendation**

Sculpture courses focus on three-dimensional art processes. Students will learn about and use different types of media for producing sculpture, ceramics, jewelry and fibers. Sculpture artists will be studied as well as their artworks. As students move into the advanced levels of sculpture, they will be encouraged to undertake more independent work in more advanced media. Some sculptural media that might be introduced to students are clay, paper, wood, wire, plastics, and metal. **A \$35.00 supply kit is required.**

Printmaking II

Grade: 10-12

Credit: 1

Prerequisite(s): Art I 03500700—FAA50

Printmaking III

Grade: 11-12

Credit: 1

Prerequisite(s): Printmaking II 03501500 FAA52

Printmaking IV

Grade: 12

Prerequisite(s): Printmaking III

**** Visual Art Instructor Recommendation**

Printmaking is designed as an introduction to traditional printing methods. Projects will start with simple one-color relief prints and graduate to multi-color relief, monotype, screen and photomechanical processes. The inter-relationships of these media to other art disciplines and ideas are stressed. The unique

quality of the graphic aesthetic will be emphasized along with the ability to produce original multiples through hands on methods in print. Advanced levels will allow students more choices through independent projects. **A \$35.00 supply kit is required.**

03502500 FAA54

Art Appreciation III

Dual Credit Options

(TJC 1301 [3 hrs])

Grade: 11-12

Credit: 1

Prerequisite(s): Teacher Approval

This course offers students the opportunity to know about elements, principles and famous artworks from ancient to modern times. Students will become familiar with certain music and literature, which was created during the different periods of art history and different art movements. Students will explore this through various multi-media methods using MS Publisher, MS Power Point and similar programs. This course is recommended for those students who wish to gain a greater appreciation for art of the past and present. **A \$35.00 supply kit is required.**

Students who successfully complete the first semester of the course and examination may receive credit for one semester of Art Appreciation 1301 (3 credit hours TJC.) Students who successfully complete both semesters of the course and examinations may receive credit for one semester of Art Appreciation 1301 (3 credit hours TJC). 03501700 FAA63

Pre AP Portfolio

Grade: 11-12

Credit: 1

Prerequisite(s): Art I and any Art II level course

**** Visual Art Instructor Recommendation**

This preparatory art course is intended for those students who enjoy art or are interested in pursuing art as a field of study. This course will prepare students for the rigors of the AP program. Students should plan on enrolling in AP Art the following

year. **A \$35.00 supply kit is required.** 03500100
FAA46

AP Drawing Portfolio

Grade: 11-12

Credit: 1

Prerequisite(s): any Art II level course

*** Visual Art Instructor Recommendation*

This is designed to address a very broad interpretation of drawing issues. For example, many types of painting, printmaking, and studies for sculpture, as well as abstract and observational works, would qualify as addressing drawing issues. **A \$35.00 supply kit is required.** A3500300 FAA70

AP Two-Dimensional Design Portfolio

Grade: 11-12

Credit: 1

Prerequisite(s): any Art II level course

*** Visual Art Instructor Recommendation*

This portfolio is intended to address a very broad interpretation of two-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. For this portfolio, students are asked to demonstrate proficiency in two-dimensional design using a variety of art forms. These could include, but are not limited to, graphic design typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio. **A \$35.00 supply kit is required.** 03500400 FAA61

AP Three-Dimensional Design Portfolio

Grade: 11-12

Credit: 1

Prerequisite(s): any Art II level course

*** Visual Art Instructor Recommendation*

This portfolio is intended to address a broad interpretation of sculptural issues in depth and space. These may include mass, volume, form, plane, light, and texture. Such elements and concepts can be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches to representation, abstraction, and expression may be

part of the student's portfolio. These might include among others, traditional sculpture, architectural models, apparel, ceramics, fiber arts, or metalwork. **A \$35.00 supply kit is required.** A3500500 FAA72

Journalism

Journalism I

Grade: 9-12

Credit: 1

Prerequisite(s): Strong Writing Skills

Students are introduced to all phases of journalism including news writing, desktop publishing, photography, history of journalism, yearbook skills, features, editorials, magazine writing, radio and television broadcasting, advertising, public relations and design. Students must take this class or photojournalism before being considered for the Yearbook or Newspaper staff. Writing skills are the core of journalism so students who select this course should enjoy writing. 03230100 J17

Independent Study in Journalism

Credit: .5

Grade: 10-12

Prerequisite(s): Journalism I or Photojournalism;

Teacher Approval

This course provides an opportunity for students who are in a leadership position on the Yearbook or Newspaper staff to work independently to produce these publications. It also provides the opportunity for students demonstrating superior skill and initiative in Photojournalism during the fall semester to join the Yearbook or Newspaper staff for the spring semester. 03231000 J25

Photojournalism

Grade: 9-11

Credit: .5

Prerequisite(s): None

This course is an introduction to the basics of photography including history and composition. All photography will be done with digital cameras, and students will learn digital production procedures. Emphasis for taking pictures will be with digital cameras through computerized production. Students must take this class or Journalism I before being considered for the yearbook or newspaper staff. 03230800 J15

Newspaper: Paw Prints

Advanced Newspaper I, II, or III

Grade: 10-12

Credit: 1

Prerequisite(s): Journalism I or Photojournalism;

Teacher approval

The Paw Prints staff produces the school newspaper. The sponsor will select staff members on the basis of scholarship, initiative, leadership, dependability, and availability outside the school day. 03230140 J01, 03230150 J03, 03230160 J05

Yearbook: Wildcat

Advanced Yearbook I, II, or III

Grade: 10-12

Credit: 1

Prerequisite(s): Journalism I or Photojournalism;

Teacher Approval

The Wildcat staff produces the high school yearbook. Staff members will be selected by the sponsor on the basis of scholarship, initiative, dependability, leadership, and availability for duty outside the school day. 03230110 J07, 03230120 J09, 03230130 J11

Health

Health

Grade: 9-12

Credit: .5

Prerequisite(s): None

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, and emergency first aid. 03810100 H01

aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise.
N1150041 H07

Sports Medicine I

Grade: 9-11

Credit: 1

Prerequisite(s): None

This course 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. *This course may count as the Health required credit for the Foundation Graduation Plan.* N1150040 H03

Sports Medicine II

Grade: 10-11

Credit: 1

Prerequisite(s): Sports Medicine I

This course provides an advanced opportunities 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

Physical Education

*1 credit of PE is required. Students may earn a maximum of 4 units of physical education credit toward state graduation requirements.

Foundations of Personal Fitness

Grade: 9-12

Credit: 1

Prerequisite(s): None

The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the cornerstone of this course and is exemplified by one of the course objectives, students designing their own personal fitness program. PES00052 PA1

Adventure/Outdoor Education

Grade: 10-12

Credit: 1

Prerequisite(s): None

Students enrolled in adventure/outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment, and that can be enjoyed for a lifetime. PES00053 PA2

Individual/Team Sports

Grade: 11-12

Credit: 1

Prerequisite(s): None

Students enrolled in individual/team sports are expected to participate in a wide range of individual sports that can be pursued for a lifetime, and to develop health-related fitness and an appreciation for teamwork and fair play. A major objective of this course is to reinforce the concept of incorporating physical activity into a lifestyle beyond high school. PES00055 PA3

Cheerleading

Grade: 9-12

Credit: 1 only

Students who sign up and qualify for Cheerleading may receive 1 PE credit for the first year only. No credit is awarded for additional years in Cheerleading.

Prerequisite(s): Spring tryouts; summer cheerleading camp prior to the new school year

The purpose of cheerleading is to instruct members of the cheer squad in proper cheerleading techniques, which include motions, jumps, voice projection, gymnastic skills, choreography and dance. The class will also focus on leadership skills, character development, safety techniques in cheerleading and proper nutrition for a healthy mind and body.

Student must be enrolled in course the full year.

FALL CHEER I, PES00013 PC1, FALL CHEER II, PES00013 PC2, FALL CHEER III, PES00013 PC3, FALL CHEER IV, PES00013 PC4

General Requirements for Athletics: Boys, Girls, Co-Ed

To participate in athletic programs at the high school level, the student must have participated on the junior school 8th grade team the past year or have the endorsement of the head coach of that sport at the junior high school or high school level. Students must meet state and UIL requirements for eligibility to participate. REMEMBER: A minimum of 1 credit or a maximum of 4 athletic credits may be earned by students.

Prospective seniors should make certain that state credit requirements will be met for graduation.

QUITTING A SPORT: No athlete will be allowed to participate in another sport until the season of the sport he/she quits has ended. This includes practice or games. Only by mutual consent of both coaches can this be waived.

Boys' 9th Grade Athletics

Girls' 9th Grade Athletics

Grade: 9

Credit: 1

Prerequisite(s): Must have participated in the 8th grade, or have Athletic Director approval.

*Freshman students must have Athletic Director approval to participate in the Varsity level athletic class.

Boys' JV/Varsity Athletics

Grade: 10-12

Credit: 1

Prerequisite(s): Head Coach's Approval

Basketball

Football

Baseball

Soccer

Track (spring)

Cross Country

Girls' JV/Varsity Athletics

Grade: 10-12

Credit: 1

Prerequisite(s): Head Coach's Approval

Volleyball

Softball (spring)

Basketball

Soccer

Track (spring)

Cross Country

Co-Ed Athletics

Tennis and Golf*

*Tryouts. Limited enrollment. Students are selected by the coach through tryouts.

Swimming – after school sport

For NCAA Division I, II, AND III

Institutions

NCAA (National Collegiate Athletic Association) Bylaw 5-1-(j) – Students entering NCAA Division I, II, III institutions as freshmen who wish to receive financial aid and wish to practice and compete on an intercollegiate level must be certified by the NCAA Clearinghouse. To be certified by the NCAA Clearinghouse, students and parents should go to <http://www.ncaaclearinghouse.net/ncaa/NCAA/monitor/index.html>.



NCAA FRESHMAN-ELIGIBILITY STANDARDS QUICK REFERENCE SHEET

KNOW THE RULES:

Core Courses

- NCAA Division I requires 16 core courses as of August 1, 2008. This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.
- NCAA Division II requires 14 core courses. See the breakdown of core-course requirements below. Please note, Division II will require 16 core courses beginning August 1, 2013.

Test Scores

- Division I has a sliding scale for test score and grade-point average.
- Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a

sum of the four sections on the ACT: English, mathematics, reading and science.

- All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Web site is www.eligibilitycenter.org.
- Division I grade-point-average requirements are listed on page two of this sheet.
- The Division II grade-point-average requirement is a minimum of 2.000.

DIVISION I

16 Core-Course Rule

- 4 years of English.
- 3 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or non doctrinal religion/philosophy).

DIVISION II

14 Core-Course Rule

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 2 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 3 years of additional courses (from any area above, foreign language or non doctrinal

religion/philosophy).

PLEASE NOTE: Any course taken online, distance learning, correspondence or software-based credit recovery will not be considered a core course for NCAA eligibility.

Speech and Debate Electives

Professional Communications (Speech)

Grade: 9-12

Credit: .5

Prerequisite(s): Recommended Business Information Management I (BIM I)

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this course, students will develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research. 13009900 SPE02

Communication Applications Honors/Public Speaking I Honors

Grade: 9-12

Credit: 1

Prerequisite(s): Honors Criteria

Communication Applications honors is a full year credit. In addition to basic speech concepts, students in the honors class will be exposed to debate, more public speaking, and development of critical and analytical listening and thinking skills. They will have the opportunity to observe and begin competing in speech and debate tournaments. 03241400 SPE03

Debate I, II, III Honors

Grade: 10-12

Credit: 1

Prerequisite(s): Communication Applications or Debate, Professional Communications, Teacher Approval, Honors Criteria

This course is designed to introduce and develop the concept of formalized argument, the skill of persuasion and to examine the power of rhetoric. The student will learn to prepare affirmative and negative briefs, with evidence, in preparation for participation in varsity level debating. Participation in speaking/debate contests is required in order to

receive credit for this course. National Forensic League Honor Society membership is also possible. Courses are to be taken in sequence. 03240600 SPE5, 03240700 SPE07, 03240800 SPE09

Public Speaking I, II, III

Grade: 10-12

Credit: 1

Prerequisite(s): Communication Applications or Debate, Professional Communications, Teacher Approval, Honors Criteria

In this course, students will learn full participation in the civic process, by gaining a good understanding of public dialogue. Students will learn the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating the messages of others. Within this process, students will gain skills in reading, writing, speaking, listening, and thinking and will examine areas such as invention, organization, style, memory, and delivery. 03240900 SPE20, 03241000 SPE22, 03241100 SPE24

Oral Interpretation I, II, III

Grade: 10-12

Credit: 1

Prerequisite(s): Communication Applications or Debate, Professional Communications, Teacher Approval, Honors Criteria

Literature and its presentation are integral to understanding the cultural aspects of a society. Students in Oral Interpretation will select, research, analyze, adapt, interpret, and perform literary texts as a communication art. Students focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of the author's work. Individual or group performances of literature will be presented and evaluated. 03240200 SPE30, 03241000 SPE32, 03240400 SPE34

Independent Study in Speech

Grade: 12

Credit: 1

Communication skills are important in all aspects of life. Students who have mastered concepts and developed skills in introductory courses are provided with opportunities to extend their knowledge and expand their skills in more advanced study. This course provides opportunities for advanced students to plan, organize, produce, perform, and evaluate a project that enables them to develop advanced skills in communication, critical thinking, and problem solving. 03241200 SPE 40

College and Career Exploration

College and Career Exploration (Study Skills)

Grade: 9-12

Credit: .5 Local Credit

Prerequisite(s): None

This course prepares students for school through developing class and organizational strategies. The students will organize learning resources and develop a portfolio utilizing researched based practices including outlining, note taking, note card preparation, presentations, etc. Teaching units include college and career preparation plus development of 21st Century skills. This will meet the locally required Study Skills credit for graduation. 85000STU O01

CAREER AND TECHNICAL EDUCATION

Career Clusters

Students may choose a Career Pathway from any of the following AchieveTexas Career Clusters:

- Agricultural, Food and Natural Resources
- Architecture & Construction
- Business, Management and Administration
- Education and Training
- Finance
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Manufacturing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution and Logistics

A *Career Cluster* is a group of occupations and broad industries that share certain features. Texas has adopted 16 Career Clusters, the same ones designated and developed by the U.S. Department of Education. Whitehouse High School has learning opportunities in 12 of the 16 clusters.

Career Practicum Programs

With the rising need for skilled labor, Whitehouse High School (WHS) will offer its students advanced training in Career and Technical Education through the development of Career Practicum Programs. The Practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience such as employment, independent study, internships, assistantships, mentorships, or laboratories. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. This program is open for students in Grade 12 who are participating in an Endorsement in the Career and Technical Education Department. Students must provide their own transportation to and from the

work site.

Advanced Technical Credit

Advanced Technical Credit (ATC) Statewide-Articulated courses are available through the Career and Technical Education Department at Whitehouse High School. These content-enhanced high school courses are substantially equal to the indicated introductory-level college courses. See *Articulated Classes* section of this guide for more detailed information. The ATC website is available at <https://www.atctexas.org>.

Industry Certification Programs

Numerous industry certification programs are available at Whitehouse High School. Qualification for the industry certification program requires a grade average of 85 or better, a good citizen status, and less than 3 tardies and/or 3 unexcused absences during either semester. Note: Exceptions to industry certification program qualifications are at the discretion of the instructor and/or CTE Director. Exam and Certification fees are paid either in full or partially by the Career and Technical Education Department for qualified students, depending on availability of funds.

Potential Industry Licensure and Certification Opportunities Available at WHS Include:

- Adobe Certified Associate (ACA) in Photoshop, Dreamweaver, Flash, InDesign, Premiere, and Illustrator
- Autodesk Certified User in AutoCAD, Revit and Autodesk Inventor
- HeartSaver CPR & AED
- CPR/Healthcare Provider Basic Life Support
- Certified Nurse Aide (CNA)
- Certified Veterinary Assistant (CVA)
- Microsoft Office Specialist 2013 in Word, Excel, PowerPoint and Access
- American Welding Society Schools Excelling through National Skill Standards Education (AWS SENSE)
- National Center for Construction Education

and Research (NCCER) in Core and Carpentry

- OSHA CareerSafe General Industry
- Pharmacy Technician
- QuickBooks Certified User
- ServSafe Food Handler
- ServSafe Manager
- Texas Hunter Education Certification
- AAFCS Education Fundamentals

CTE Special Education Placement

Students receiving special education services when appropriate should be included in Career and Technical Education as a part of a chosen career Program of Study. As mandated by TEA, there are no longer any VEH or IVE programs available; therefore, in this course catalog, there are no special courses listed as such. Self-contained courses will follow a similar course description as those listed; however, student age, grade and re-enrollment status are all at the discretion of the ARD committee. Please contact the Whitehouse High School Special Education Supervisor for specific self-contained courses available.

Programs of Study / Endorsements

Numerous *Programs of Study/Endorsements* are available through the Whitehouse High School Career and Technical Education Department. *Programs of Study/Endorsements* are specific groupings of similar occupations. Think of an Endorsement as being like a college major or career interest preparation. Each *Program of Study* includes a range of related occupations. Choosing a *Career Cluster* and *Program of Study* will help students acquire the knowledge and skills needed to enter their chosen career. It will allow students to follow a seamless course of study from Whitehouse High School into college or other postsecondary education or training. The electives students choose can complement their core academic classes to prepare them for the challenges of the real world of work. Students should reexamine their chosen *Program of Study* at least once a year and change pathways or clusters if their interests change. Choosing a *Career*

Cluster and *Program of Study*, even if the student changes later, means that they have a direction in life. When students know where their education is going and why, their classes will become more meaningful. Students will make contact with students, teachers, and employers who share their interest in a particular career area. They will have experiences that are fun and exciting. Students will be on their way to success in school, in a career, and in life.

Arts, Audio/Video Technology, and Communications

Professional Communications

Grade: 9-12

Credit: .5

Prerequisite(s): Business Information Management I (BIM I) Recommended

Prerequisite Note: May be taken concurrently

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this course, students will develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

This course may count as the Speech required credit for the Foundation Graduation Plan. 13009900 SPE02

Agricultural, Food & Natural Resources

Principles of Agriculture Food & Natural Resources (AFNR)

Grade: 9-12

Credit: 1

Prerequisite(s): None

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

13000200 CAG10

Agribusiness Management and Marketing

Grade: 10-12

Credit: .5

Prerequisite(s): None

To be prepared for careers in agribusiness systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to agribusiness marketing and management and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course is designed to provide a foundation to agribusiness management and the free enterprise system. 1300090 CAG27

Professional Standards in Agribusiness

Grade: 10-12

Credit: .5

Prerequisite(s): None

To be prepared for careers in agribusiness systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to leadership development and the workplace, and develop knowledge and skills regarding agricultural career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness.

Certified Veterinary Assistant

Small Animal Management

Grade: 10-12

Credit: 1

Prerequisite(s): Principles of AFNR

Prerequisite Note: May be taken concurrently

Focuses on working in small animal industry, animal rights and welfare, career opportunity in small animal care. This course is recommended for those that have an interest in the Veterinary Science field. 13000400 CAG11

Livestock Production

Grade: 10-12

Credit: .5

Prerequisite(s): Principles of AFNR

Prerequisite Note: May be taken concurrently

Introduces the common veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals. This course is recommended for those that have an interest in the Veterinary Science field. 13000300 CAG21

Equine Science

Grade: 10-12

Credit: .5

Prerequisite(s): Principles of AFNR

Prerequisite Note: May be taken concurrently

Develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. This course is recommended for those that have an interest in the Veterinary Science field. 13000500 CAG22

Veterinary Medical Applications I

Grade: 11-12

Credit: 1

Prerequisite(s): Small Animal Management OR

Livestock Production AND Equine Science

Veterinary Medical Applications I is a course designed to develop and expand the knowledge and techniques skills pertaining to Veterinary Technical Assistant area. This course is designed as a

laboratory-oriented course that allows students hands-on experience within the area of diagnostic testing, client records, employer/employee relationship, and techniques used in surgical practices. Students are required to complete an internship with licensed Veterinary in order to take the state certification test for Veterinary Assistant Level I. 13000600 CAG23

Practicum in AFNR / Vet Medicine II

Grade: 12

Credit: 2

Prerequisite(s): Veterinary Medical Applications

This course provides students supervised practical application of previously studied knowledge and skills. Practicum capstone experiences occur in a paid or unpaid arrangement and in a variety of locations such as employment, independent study, internship, assistantship, mentorship, volunteer or laboratory. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students enrolled in this course are eligible to take the state certification for Veterinary Assist Level II. *Students must provide their own transportation to and from work site.* 13002500 CAG41

Advanced Animal Science

Credit: 1 credit

Grade: 12

Prerequisite(s): Three Credits of Science

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

This course may count as the 4th Science credit required for the Foundation Graduation Plan.

13000700 CAG43

Horticulture and Landscape Design

Wildlife, Fisheries, and Ecology Management

Grade: 9-12

Credit: .5

Prerequisite(s): None

This course examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. Students will also prepare for careers in natural resource systems. Students will have the opportunity to earn the Texas Hunter Education Certification. 13001500 CAG29

Forestry and Woodland Ecosystems

Grade: 9-12

Credit: .5

Prerequisite(s): None

This course examines current management practices for forestry and woodlands. Special emphasis is given to management as it relates to ecological requirements and how these practices impact the environment. 13001700 CAG292

Landscape Design and Turf Grass

Management

Grade: 10-12

Credit: .5

Prerequisite(s): Principles of AFNR Recommended

Prerequisite Note: May be taken concurrently

This course focuses on plant identification, selection, care, and maintenance as well as planting, planning and developing a basic landscape. Both commercial and residential landscaping are included. 13001900 CAG24

Horticulture Science

Grade: 10-12

Credit: .5

Prerequisite(s): Landscape Design and Turf Grass

Management

This course focuses on the identification, production

and care of plants. The students will study propagation, fertilizing, transplanting, and growing various plants. Students will also investigate the various career pathways within the horticulture industry. 13002000 CAG252

Practicum in AFNR / Horticulture and Landscape

Grade: 11-12

Credit: 2

Prerequisite(s): Horticulture Science

This course provides students supervised practical application of previously studied knowledge and skills. Practicum capstone experiences occur in a paid or unpaid arrangement and in a variety of locations such as employment, independent study, internship, assistantship, mentorship, volunteer or laboratory. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. *Students must provide their own transportation to and from work site.* 13002500 CAG42

Advanced Plant and Soil Science

Credit: 1 credit

Grade: 12

Prerequisite(s): Three Credits of Science

Plant and Soil Science provides a way of learning about the natural world. Students learn how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. Investigations, laboratory practices, and field exercises will be used to develop an understanding of current plant and soil science. 13002100 CAG44

Manufacturing

Welding – Agriculture Mechanical Systems

Agricultural Mechanics and Metal

Technologies Grade: 10-12

Credit: .5 or 1

Prerequisite(s): None

This course prepares students for careers in agricultural power, structural, and technical systems. Students attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. 13002200 CAG 32 or CAG 33.5

Welding

Grade: 10-12

Credit: 1

Prerequisite(s): Recommended Algebra I and Principles of Architecture and Design

Welding provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success. 13032300 CMA21

Advanced Welding

Grade: 11-12

Credit: 2

Prerequisite(s): Welding AND Recommended Geometry

Advanced Welding builds on knowledge and skills

developed in Welding. Students will develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. *This course requires application criteria for acceptance including grades, attendance, discipline, and teacher recommendation.*

Articulated College Credit Available: (See the *Articulated Classes* section of this guide for details)
13032400 CMA31

Practicum in AFNR / Welding

Grade: 12

Credit: 2

Prerequisite(s): Advanced Welding

This course provides students supervised practical application of previously studied knowledge and skills. Practicum capstone experiences occur in a paid or unpaid arrangement and in a variety of locations such as employment, independent study, internship, assistantship, mentorship, volunteer or laboratory. Students implement interpersonal skills to strengthen performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students have the opportunity to earn the American Welding Society Schools Excelling through National Skill Standards Education (AWS SENSE) certification. *Students must provide their own transportation to and from work site.* 13002500 CAG40

Science, Technology, Engineering and Mathematics (STEM)

Engineering Design and Presentation

Grade: 10-12

Credit: 1

Prerequisite(s): Principles of Architecture and Construction

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

Articulated College Credit Available: (See the *Articulated Classes* section of this guide for details)
13036500 CST21

Advanced Engineering Design and Presentation

Grade: 11-12

Credit: 1

Prerequisite(s): Engineering Design & Presentation

This course will provide students the opportunity to master computer software applications in a variety of engineering and technical fields. This course further develops the process of engineering thought and application of the design process. Students have the opportunity to earn the Autodesk Certified User in AutoCAD, Revit and Autodesk Inventor.

Articulated College Credit Available: (See the *Articulated Classes* section of this guide for details)
13004700 CAR32

Agricultural Facilities Design and Fabrication

Grade: 11-12

Credit: 1-2

Prerequisite(s): Principles of Architecture and Construction

This course is to prepare students for careers in mechanized agriculture and technical systems.

Students attain knowledge and skills related to agricultural facilities design and fabrication. Students explore career opportunities, entry requirements, and industry expectations. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings. *This course requires application criteria for acceptance including grades, attendance, discipline, and teacher recommendation.* 13002300 CAG30

Practicum in Science, Technology, Engineering, and Mathematics

Grade: 11-12

Credit: 2

Prerequisite(s): Advanced Engineering Design and Presentation

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the science, technology, engineering, and mathematics career cluster. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. *Students must provide their own transportation to and from the work site.*

Architecture & Construction

Architectural Design

Principles of Architecture and Construction

Grade: 9-12

Credit: 1

Prerequisite(s): Recommended Algebra I and BIM I

This course provides an overview to the various fields of architecture, interior design, construction science, and construction technology. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Job-specific, skilled training is provided through the use of training modules to identify career goals in trade and industry areas. Safety and career

opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology Applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging; and reading technical drawings. **This course may count as the Technology required credit.**

Articulated College Credit Available: (See the *Articulated Classes* section of this guide for Details) 13004200 CAR10

Architectural / Interior Design

Grade: 10-12

Credit: 1

Prerequisite(s): Principles of Architecture and Construction

Prerequisite Note: May be taken concurrently with Interior Design

Students gain knowledge and skills specific to those needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. Architectural design includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes. 13004600 CAR23

Interior Design

Grade: 10-12

Credit: 1

Prerequisite(s): Principles of Architecture and Construction

Prerequisite Note: May be taken concurrently with Architectural Design

Interior Design is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Individuals use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and compete in industry. 13004300 CAR24

Advanced Interior Design

Grade: 11-12

Credit: 1

Prerequisite(s): Interior Design

Prerequisite Note: May be taken concurrently with Advanced Architectural Design

Advanced Interior Design is a technical laboratory course that includes the knowledge of the employability characteristics, principles, processes, technologies, communication, tools, equipment, and materials related to interior spatial design. 13004400 CAR35

Advanced Architectural Design

Grade: 11-12

Credit: 2

Prerequisite(s): Architectural Design

Prerequisite Note: May be taken concurrently with Advanced Interior Design

Students gain advanced knowledge and skills specific to those needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. Advanced Architectural Design includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes. 13004700 CAR32

Practicum in Architectural Design

Grade: 11-12

Credit: 2

Prerequisite(s): Advanced Architectural Design

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in

the architecture and construction career cluster. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students have the opportunity to earn the Autodesk Certified User in AutoCAD, Revit and Autodesk Inventor.

13004800 CAR40

Construction Maintenance and Technology

Construction Technology

Grade: 10-12

Credit: 1

Prerequisite(s): Recommended Principles of Architecture and Construction

Prerequisite Note: May be taken concurrently

Students will gain knowledge and skills related to various careers in the construction trade. Students will acquire knowledge in areas such as safety, measuring, laying-out, hand tools/power tools, and assembling. Students will participate in hands-on lab activities, such as blueprint reading, framing, roofing, etc. 13005100 CAR21

Advanced Construction Technology

Grade: 11-12

Credit: 2

Prerequisite(s): Construction Technology

Students will gain advanced knowledge and skills related to various careers in construction trades. Advanced students will be expected to demonstrate good safety practices, craftsmanship, and leadership abilities to the first year students. Advanced students will be expected to participate at a higher level in hands-on lab activities related to the construction trades. Students have the opportunity to earn National Center for Construction Education and Research (NCCER) in Core and Carpentry certifications. 13005200 CAR21

Practicum in Construction Management

Grade: 11-12

Credit: 2

Prerequisite(s): Advanced Construction Technology

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the architecture and construction career cluster. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. 13006200 CAR41

Business Management and Administration / Finance

Business

Principles of Business, Marketing and Finance

Grade: 9-12

Credit: .5

Prerequisite(s): None

Students are introduced to knowledge and skills of economics and private enterprise systems, impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. 13011200 CBU10

Business Law

Grade: 9-12

Credit: .5

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

Students analyze the social responsibility of business and industry regarding the significant issues relating to the legal environment, business ethics, torts, contracts, negotiable financial instruments, personal property, sales, warranties, business organizations, concept of agency and employment, and real property. Students apply technical skills to address business applications of contemporary legal issues. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. 13011700 CBU11

Business Information Management I

Grade: 9-12

Credit: 1

Prerequisite(s): Algebra I recommended

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

This course may count as the Technology required credit. 13011400 CBU12

Business Information Management II

Grade: 10-12

Credit: 1

Prerequisite(s): Business Information Management I

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and post-secondary education. Students will apply complex technical skills through word-processing and spreadsheet, and developing electronic presentations using multimedia software. Students have the opportunity to earn Microsoft Office Specialist 2013 certifications in Word, Excel, PowerPoint and Access. 13011500 CBU31

Global Business

Grade: 11-12

Credit: 1

Prerequisite(s): None

Students develop a foundation in financial, technical, international, social and ethical aspects of business. Students will study the global, competitive nature of business and develop reading, writing, communication and reasoning skills and apply them to the business environment. The skills obtained will assist them in making a successful transition to the workforce or post-secondary study. 13011800 CBU21

Accounting I

Grade: 11-12

Credit: 1

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

Prerequisite Note: May be taken concurrently

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making. 13016600 CF121

Accounting II

Grade: 12

Credit: 1

Prerequisite(s): Accounting I

Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making. Students have the opportunity to earn the QuickBooks Certified User certification. 13016700 CF131

Business Management

Grade: 11-12

Credit: 1

Prerequisite(s): BIM I and Accounting I recommended

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. By managing and operating the Wildcat School Store, students analyze the primary functions of management and leadership, which are planning, organizing, staffing, directing or leading, and controlling. Topics will incorporate social responsibility of business and industry. 13012100 CBU23

Practicum in Business

Grade: 12

Credit: 2-3

Prerequisite(s): Two Credits of Business Courses

By managing and operating the **Wildcat School Store**, students implement personal and

interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Practicum capstone experiences occur in a paid or unpaid arrangement and in a variety of locations such as employment, independent study, internship, assistantship, mentorship, volunteer or laboratory. Students are encouraged to be members of Business Professionals of America (BPA) *Students must provide their own transportation to and from the work site.* 13012200 CBU40

Touch System Data Entry

Grade: 10-12

Credit: 1

Prerequisite(s): None

Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents. 13011300 CBU15

This course may count as the Technology required credit on the Foundation Graduation Plan with no Endorsements only.

Money Matters

Grade: 10-12

Credit: 1

Prerequisite(s): None

Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and businesses. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term financial goals based on those options. Students will determine methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning. 13016200 CBU13

Information Technology

Computer Information Technology

Principles of Information Technology

Grade: 9-12

Credit: 1

Prerequisite(s): None

Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. 13011200 CBU10

This course may count as the Technology required credit.

Digital and Interactive Media – Adobe Print Design

Grade: 10-12

Credit: 1

Prerequisite(s): BIM I recommended

Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve problems. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment. Students have the opportunity to earn Adobe Certified Associate (ACA) certifications in Photoshop, InDesign, Premiere, and Illustrator. 13027800 CIT22

Web Technologies – Adobe Web Design

Grade: 10-12

Credit: 1

Prerequisite(s): BIM I recommended

Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment. Students have the opportunity to earn Adobe Certified Associate (ACA) certifications in Dreamweaver and Flash. 13027900 CIT23

This course may count as the Technology required credit.

Computer Programming

Principles of Information Technology

Grade: 9-12

Credit: 1

Prerequisite(s): None

Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. 13027200 CIT10

This course may count as the Technology required credit.

Computer Programming

Grade: 10-12

Credit: 1

Prerequisite(s): Principles of Information Technology AND Algebra I

Students acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students analyze the

social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies. 13027600 CIT25

Advanced Computer Programming

Grades: 10-12

Credit: 1

Prerequisite(s): Computer Programming

Students expand their knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students analyze the social responsibility of business and industry regarding the significant issues relating to environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies. 13027700 CIT27

Research in Information Technology Solutions I

Grade: 11-12

Credit: 1

Prerequisite(s): Advanced Computer Programming

Students gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, information technology experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship, or as career preparation. 1302800 CIT31

Education and Training

Teacher / Teacher's Aide / Childcare Worker

Principles of Education and Training

Grade: 9-12

Credit: 1

Prerequisite(s): None

Principles of Education and Training is designed to introduce learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. 13014200 CED10

Human Growth and Development

Grade: 10-12

Credit: 1

Prerequisite(s): Principles of Education and Training

Prerequisite Note: May be taken concurrently

Human Growth and Development is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. 13014300 CDE21

Instructional Practices in Education and Training

Grade: 11-12

Credit: 2

Prerequisite(s): Human Growth and Development

Prerequisite Note: May be taken concurrently

A field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching

practices. Students will work under the joint direction and supervision of a teacher who has expertise in the areas of child development and educational methodology and an exemplary educator who is working in an instruction role in an elementary/ middle/ high school setting. Students will learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers. *Students must provide their own transportation to and from field site. Professional dress required for field site. Students must pass a criminal background check.* 13014400 CED31

Practicum in Education and Training

Grade: 11-12

Credit: 2

Prerequisite(s): Instructional Practices in Education and Training

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel. Students have the opportunity to earn a certification in AAFCS Education Fundamentals. *Students must provide their own transportation to and from field site. Professional dress required at field site. Students must pass a criminal background check.* 13014599 CED32

Human Services

Counseling & Mental Health Services / Marriage & Family Therapist

Child Care Director (Preschool and Kindergarten)

Principles of Human Services

Grade: 9-12

Credit: .5

Prerequisite(s): None

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers. 13024200 CHU10

Interpersonal Studies

Grade: 9-12

Credit: .5

Prerequisite(s): None

This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services. 13024400 CHU12

Hospitality and Tourism

Culinary Arts / Restaurant Management

Principles of Hospitality and Tourism

Grade: 9-12

Credit: 1

Prerequisite(s): None

The hospitality and tourism industry encompasses lodging, travel and tourism, recreation, amusements,

attractions, resorts, restaurants and the food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. 13022200 CHT10

Lifetime Nutrition and Wellness

Grade: 10-12

Credit: .5

Prerequisite(s): Principles of Hospitality and Tourism

This course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, human services, and health sciences. 13024500 CHT23

Restaurant Management

Grade: 10-12

Credit: .5

Prerequisite(s): Principles of Hospitality and Tourism

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. Students will gain insight into the operation of a well-run restaurant. Students have the opportunity to earn the ServSafe Food Handler certification. 13022400 CHT22

Culinary Arts

Grade: 10-12

Credit: 2

Prerequisite(s): Restaurant Management AND Lifetime Nutrition and Wellness

This laboratory-based course begins with the fundamentals and principles of the art of food preparation and includes management and production skills and techniques. Students can pursue a national sanitation certification and other appropriate industry certifications. The knowledge and skills required for careers in the restaurant, food,

and beverage industry are practiced as food is prepared for campus based restaurant. 13022600 CHT24. **Course Fees and Materials:** Professional Chef Uniform

Practicum in Culinary Arts

Grade: 11-12

Credit: 2

Prerequisite(s): Culinary Arts

This laboratory-based course is designed to be a continuation of the Culinary Arts program. Students continue to refine their knowledge and skills required for careers in the restaurant, food, and beverage industry. Students can pursue a national sanitation certification and other appropriate industry certifications. Laboratory activities involve food production for a campus-based restaurant. Students have the opportunity to earn the ServSafe Manager certification. *Students must provide their own transportation to and from the work site.* 13022700 CHT30

Course Fees and Materials: Professional Chef Uniform

Health Science

Pre-Registered or Licensed Vocational Nurse (RN or LVN)

Pharmacy Technician

Principles of Health Science

Grade: 10-12

Credit: 1

Prerequisite(s): None

Principles of Health Science introduces the student to careers in healthcare with career exploration and career planning. Students will also be introduced to medical terminology and medical abbreviations, anatomy and physiology and qualities of a healthcare worker. 13020200 CHS20

Health Science

Grade: 11-12

Credit: 1

Prerequisite(s): Principles of Health Science

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. Students have the opportunity to earn the HeartSaver CPR & AED and Healthcare Provider Basic Life Support CPR certifications.

Students must pass a criminal background check and drug screening. 13020400 CHS32

Health Science with Rotations

Grade: 11-12

Credit: 2

Prerequisite(s): Principles of Health Science

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

rotation and career preparation learning. Students have the opportunity to earn the HeartSaver CPR & AED and Healthcare Provider Basic Life Support CPR certifications. *Students must pass a criminal background check and drug screening. Students must provide their own transportation to and from clinical site.*

Course Fees and Materials: Red Scrubs / Background check, drug test. 13020400 CHS33

Anatomy and Physiology, Honors

Grade: 12

Credit: 1

Prerequisite(s): Three Credits of Science (4th Year Science)

Extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of Physiology will be applied to human health and well-being. 13020600 SC27

Practicum in Health Science / Certified Nurse Aide

Grade: 11-12

Credit: 2

Prerequisite(s): Recommended Health Science AND Biology

Provides students supervised practical application of previously studied knowledge and skills. Practicum capstone experiences occur in a paid or unpaid arrangement and in a variety of locations such as employment, independent study, internship, assistantship, mentorship, volunteer or laboratory. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Focus will be on students obtaining Certified Nurse Aide licensure. Students have the opportunity to earn their Certified Nurse Aide (CNA) licensure. *Students must pass a criminal background check and drug screening. Students must provide their own transportation to and from clinical*

site. 13020500 CHS33

Course Fees and Materials: Scrubs

Practicum in Pharmacy Technician

Grade: 12

Credit: 2

Prerequisite(s): Health Science AND Biology

Provides students supervised practical application of previously studied knowledge and skills. Practicum capstone experiences occur in a paid or unpaid arrangement and in a variety of locations such as employment, independent study, internship, assistantship, mentorship, volunteer or laboratory. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students have the opportunity to earn their Pharmacy Technician licensure. *Students must pass a criminal background check and drug screening. Students must provide their own transportation to and from clinical site.* 13020500 CHS42

Course Fees and Materials: Scrubs

Practicum in Emergency Care Attendant

Grade: 12

Credit: 2

Prerequisite(s): Health Science, Biology and Sports Medicine II

Provides students supervised practical application of previously studied knowledge and skills. Practicum capstone experiences occur in a paid or unpaid arrangement and in a variety of locations such as employment, independent study, internship, assistantship, mentorship, volunteer or laboratory. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students have the opportunity to earn their Emergency Care Attendant licensure. *Students must pass a criminal background check and drug screening. Students must provide their own transportation to and from clinical site.* 13020500 CHS42

Course Fees and Materials: Scrubs

SCHOOL MAP

Whitehouse High School

