Our mission is to graduate every student prepared for success beyond high school.

AMARILLO ISD 2013-2014
High School Course Guide

Planning Suggestions

The following information is presented to assist students in planning their high school work. This course guide represents a revision of previous bulletins and supersedes them.

Your program should include courses that will meet the graduation requirements of the Texas Education Agency, prepare you for your post-secondary goals, and provide avenues for development of new interests.

Your counselor can help you plan by analyzing your academic record and by discussing with you your interests after graduation. Your College and Career Information Center also has the most up-to-date information available about various training programs, schools, colleges, universities, and employment possibilities.

Think about the following questions as you begin to select your courses:

- What are my goals?
- What are my strengths, abilities and needs?
- How do my course selections reflect my strengths, abilities and needs?
- What are the requirements for the type of post-secondary training I am considering?
- Are the courses I am selecting appropriate for the type of future I am planning?

High school level courses (examples: Algebra I and Languages other than English) taken at the seventh and eighth grade levels will be counted in meeting the graduation requirements.

A course may be counted only one time toward graduation requirements. Example: Marching Band in the fall semester may be counted as a Physical Education requirement or as a fine arts credit or as an elective.

All students must carry a full-day schedule of classes according to grade classification and campus policy. Enrollment in a Career and Technical Work-Based Learning program will be counted as part of a full-day schedule.

PLEASE NOTE: A student may not add a course after the course has been in session past the tenth day of the semester.
The Amarillo Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including Career and Technical education programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; and Title II of the Americans with Disabilities Act.

Amarillo ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Kel Spradling at 326-1321 or the Section 504 Coordinator, Sandy Worden at 326-1300.

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Cumulative Averages & Class Rank

All course semester grades earned that count toward state graduation credit shall be included in computing the cumulative average. Lost credit grades (failed courses), duplicated course grades, and credit by exam grades must be included; transfer grades, correspondence course grades, and dual credit course grades will also be used when computing the cumulative average. Students will be allowed to earn up to four credits for athletics. All four credits will be included in the cumulative average. The grades earned in multiple period courses will be counted only one time.

If a student repeats a course previously taken and passed, the repeated course grade shall be included in the computation of the student's final average, along with the original course grade. The course must be repeated within one year of the original course and shall count only as local/noncredit for graduation requirement purposes.

The cumulative average shall be computed by dividing the student’s total accumulated grades by the total number of courses completed. Students who earn passing grades in Advance Placement (AP), Pre-AP, IB (International Baccalaureate) or Pre-IB classes will have an additional five points added to their grade in these courses for purposes of computing the cumulative averages and class rank. The additional five points also shall be added to passing grades in high school Pre-AP courses taken at the middle school level only if the course is offered at all middle schools that feed into that high school. Cumulative averages for the purpose of determining academic honor-graduates and class rank will be rounded to four decimal places. Honor graduates must have a final cumulative average of 90 or above. Grade point averages are computed for honor graduates at the end of the 5th six weeks. Final grade point averages are computed at the end of the 6th six weeks.

Transfer students shall be eligible to be honor graduates on the basis of their high school records as determined by this policy. Five additional points shall be assigned to transfer grades only when the courses are clearly designated as advanced placement or international baccalaureate courses on the copy of the official school transcript and only if that course is offered at the receiving high school. Transfer students shall be eligible to be honor graduates on the basis of their high school records as determined by this policy. Five additional points shall be assigned to transfer grades only when the courses are clearly designated as advanced placement or international baccalaureate courses on the copy of the official school transcript and only if that course is offered at the receiving high school.

Transfer students shall be eligible to be honor graduates on the basis of their high school records as determined by this policy. Five additional points shall be assigned to transfer grades only when the courses are clearly designated as advanced placement or international baccalaureate courses on the copy of the official school transcript and only if that course is offered at the receiving high school.

Attendance for Credit

Each campus shall establish an attendance committee or as many committees as necessary for efficient implementation of Education Code 25.092.

The Superintendent or designee shall make the specific appointments in accordance with legal requirements.

A student and the student’s parent or guardian shall be given written notice prior to and at such time when a student’s attendance in any class drops below 90 percent of the days the class is offered. When a student’s attendance drops below 90 percent of the days the class is offered, the student, parent, or representative may request award of credit by submitting a written petition to the appropriate attendance committee. The attendance committee shall review the student’s entire attendance record and the reasons for absences, and shall determine whether to award credit.

Alternative Credit Sources

Option I: SUMMER SCHOOL: Summer classes will be offered by each high school campus. Students will be permitted to enroll in a maximum of three semester classes for regaining credit or two semester classes for advancement in summer school. A fee per semester course is required.

Option II: ONLINE: The Amarillo On-line School in conjunction with the TX Virtual School Network offers high school students a way to take a course for credit outside the normal school day. Students may enroll in certain classes with approval from the home campus counselor. For more information about available courses and other information pertaining to online courses, contact your school counselor.

Option III: CREDIT BY EXAMINATION: Students may use credit by examination to demonstrate mastery to earn credit in any academic course at the secondary level, with the prior approval of the principal.

No fee shall be charged for an examination provided by the District. If a parent or student requests an alternative examination, the District may administer a test purchased by the parent or student from a State Board-approved university. A registration process for these examinations will be established and communicated at the individual campus level.

For credit by examination with or without prior instruction, students must register for individual examinations at their home school according to district deadlines. There are three scheduled testing dates per year in November, April, and June. Additional information on credit by examination is available at the counselors’ office and local policy EEJA and EEJB.

Option IV: CORRESPONDENCE: Credits from correspondence courses may be accepted as part of the high school graduation requirements, provided the courses are from institutions that have been approved by the counselor and principal prior to taking the course. The two approved institutions for AISD are Texas Tech University and The University of Texas at Austin. These courses are used only for emergency purposes or enrichment. Information is available in counselors’ offices.

Resident students may earn a maximum of three of the total credits required by the state through correspondence courses. Students temporarily living abroad and out-of-school youths and adults shall earn a minimum of 12 state-required credits in residence.
All students enrolled in high school who earn 6 credits, including Algebra I, shall be classified as a sophomore (grade 10); a student who earns 11 credits, including Algebra I, shall be classified as a junior (grade 11); and a student who earns 17 credits, including Algebra I, shall be classified as a senior (grade 12).

Information on State Mandated Testing

State of Texas Assessments of Academic Readiness (STAAR)

A New Assessment Model beginning with incoming 2011-2012 Freshman

Beginning with the 2011-2012 school year incoming Freshman will be subject to the STAAR testing system. The majority of the new STAAR assessments will test content students studied that year, as opposed to testing content studied over multiple years. There are twelve end-of-course assessments in the four foundation content areas—English, mathematics, science and social studies. These assessments will replace the current high school TAKS tests.

A Freshman student enrolled in English I, Algebra I, Biology, and World Geography will take STAAR exams in each of these subject areas. As the student enters his/her sophomore year and beyond, STAAR exams will be administered at the end of the year in the appropriate subject areas. The cumulative score must meet satisfactory performance set forth by TEA.

For additional information, contact your student’s school counselor or visit http://www.tea.state.tx.us/student.assessment/staar/
Schedule Change Procedures: Classes are arranged and personnel are hired based on selections made by students. For this reason, only changes that are absolutely necessary may be made after May 31. Schedule change requests may be initiated by the student ONLY during the first 5 days of each semester. A student may not add a course after the course has been in session past the 10th day of the semester. Students may not drop a class after the 4th week of a six week days and may not become eligible for extracurricular activities by dropping a course at the end of a six weeks period in which he/she had a grade below 70.

Opportunities for College-Bound Texas Students: Two opportunities are available for college-bound Texas students: 1) Texas students graduating in the top 10% of their graduating class are eligible for automatic admission to any public college/university in Texas if they have graduated on the Recommended or Distinquished Achievement Plan; and 2) the Texas Grant Program may have money available for students who show financial need. Counselors and college admissions officers have more information. Senate Bill 175 authorizes Texas University of Texas at Austin, beginning with admissions for the 2011-2012 academic year and ending with the 2015-2016 academic year, to limit automatic admissions under this law to fill not more than 75 percent of its enrollment capacity for first-time resident undergraduate students.

Dual Credit: Dual credit refers to the practice of awarding credit at two educational institutions for a course completed at one institution. AISD and Amarillo College have entered into an agreement to award dual credit for specific courses taken by juniors and seniors. At this time, AC does not charge tuition for courses taught on the high school campus (an activity fee is charged). The courses available vary by high school campus. Students interested in dual credit should check with their coordinator for courses offered at their campus and the AC campus.

Enrollment for dual credit courses is scheduled and conducted by AC personnel; certain courses may require students to take placement tests at the AC campus. In accordance with the Texas Success Initiative (TSI), any student taking a college course (including dual credit courses) must meet TSI requirements. Certain scores on the TAKS, SAT, ACT, THEA, or Accuplacer will meet these requirements. High School counselors have more information on the TSI requirements.

*The TSI requires students to be assessed in reading, writing and math skills prior to enrolling in college, and to be advised based on the results of that assessment. However, each institution determines what to do with students who don't pass one or more parts of the test. Institutions have the flexibility to determine the best path for individual students to take in order to become college ready and to demonstrate that they are indeed ready for college-level courses.

Students must remember that by taking a dual credit course, they are enrolling at AC. As a result, the grade earned in the course is entered on their college transcript. An "Incomplete" or failing grade in a dual credit course may affect a student’s ability to receive federal financial aid for college. Contact the college you are considering for specific policies in this area.

Articulated Credit: Some Career & Technical Education courses qualify for articulated credit with Amarillo College. If successfully completed, this credit can be claimed upon enrollment at AC and completion of at least six college hours. For additional information, see your counselor or contact the CTE Director within AISD.

Advanced Placement Courses: Advanced placement courses are offered on every AISD high school campus, although course offerings at each campus will vary. The Advanced Placement Program is a cooperative endeavor between U.S. secondary schools and colleges and universities. It exposes high school students to college-level material through involvement in an AP course, and it gives them the opportunity to show that they have mastered it by taking an AP Exam in the spring. Colleges and universities can then grant credit, placement, or both to students scoring at a certain level. Those levels for which credit is awarded and the terms for doing so vary from college to college. Students should check with the post-secondary institution they wish to attend for its policy on how (or if) credit is awarded for AP Exam scores.

Pre-AP courses are offered in various courses on all high school campuses. These courses are designed to prepare students to meet the demands and expectations of the AP classes.

High School Credit Recovery: A high school student who fails the first semester of any core course with a grade no lower than 60, but who passes the second semester of the course, may receive credit if the average of the two semesters results in a grade of 70 or above. Otherwise, to receive credit in a core course, the student must utilize credit recovery to obtain a passing grade for any semester failed. Credit recovery options include retaking the class, taking a correspondence course, or receiving credit by examination with prior instruction.

Transfer: AISD has a transfer policy in place for students wishing to enroll in another high school within the district. For information on transfer procedures, students and parents should contact the principal of the school they wish to attend.

Counseling Services: Counselors meet with students individually every year to discuss academic and career plans including the following items:

- College and Career Information Center access
- Graduation requirements (testing and credits)
- Standardized testing including STAAR and pre-college testing
- Importance of post-secondary education
- Advantages of completing the Recommended or DAP high school program
- Financial aid eligibility (1-800-4FED-AID) www.fafsa.ed.gov; Texas Center
- (1-800-782-7322) www.CollegeforTexas.com
- Automatic admission of top 10% to Texas public colleges

Extracurricular Activity Participation Requirements (State Mandated): In order to participate in extracurricular activities, students must meet the side-by-side guidelines. (for more information visit: http://www.ui.utexas.edu)

Programs For The Gifted And Talented: Amarillo Independent School District’s G/T program is implemented at the high school level through Pre-AP and AP (Advanced Placement) courses. Identified G/T students are cluster-grouped in these courses taught by teachers who have met state and local training requirements for teachers of gifted students.

Superintendent’s Scholars: Superintendent’s Scholars is a program that is unique to the Amarillo Independent School District. It was established to recognize academic excellence in high school students. Students who qualify for this honor are recognized through school presentations, lunch-benches, publicity in local newspaper and district publications, certificates, plaques and other incentives.

To qualify for Superintendent’s Scholars in a given semester:

- freshmen, sophomores, and juniors must be taking at least five of the courses included in the Superintendent’s Scholars Program
- seniors must be taking at least four of the courses included in the program
- all students must make at least a 95 average in regular courses, and at least a 90 average in AP and Pre-AP courses.

All courses offered at the four AISD high schools (including AACA) will count towards Superintendent’s Scholars except:

- English as a Second Language courses not subject to EOC or TAKS
- Special Education classes
- Physical Education Classes
- Athletics
- Local credit courses
- Americorps internship

Not sure what your future plans are after high school...visit the College & Career Center today!
### Recommended Graduation Program

<table>
<thead>
<tr>
<th>SUBJECT AREA</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4.0</td>
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<tr>
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<td>Math</td>
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<tr>
<td>Science</td>
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<tr>
<td>Social Studies</td>
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<td>Economics</td>
<td>.5</td>
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<td>Health</td>
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<tr>
<td>Languages Other than English</td>
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<tr>
<td>Fine Arts</td>
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<tr>
<td>Electives</td>
<td>5.0</td>
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</tbody>
</table>

**TOTAL CREDITS REQUIRED** 26.0

**NOTE:** Any student considering graduating on the Minimum Plan (22 credits) must see their school counselor. Only students meeting strict criteria will be able to select the minimum graduation plan. A waiver acknowledging understanding of the TX Minimum Graduation Plan must be signed.

### Distinguished Achievement Program

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<tr>
<td>Electives</td>
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</table>

**TOTAL CREDITS REQUIRED** 26.0

PLUS FOUR (4) ADVANCED MEASURES (any combination of the below)

- Four measures maximum:
  - Performance on AP exams (Scoring 3, 4, or 5);
  - Grades in college credit courses (Grades of “A” or “B”)
  - SEE YOUR COUNSELOR FOR SPECIFIC REQUIREMENTS
- One measure maximum: national recognition on PSAT
- Two measures maximum: original research/project

### Recommended High School Program

- **English:** English I, II, III, and IV required. Immigrant students with limited English proficiency may substitute English I SOL and English II SOL for English I and II ONLY.
- **Professional Communication:** One-half credit Professional Communications or Communication Applications
- **Mathematics:** Four credits required. The four credits must include Algebra I, Algebra II, and Geometry. Math Models MAY NOT be taken once Algebra II has been successfully completed.
- **Science:** Biology, Chemistry, Physics, and 4th Science or Biology, IPC, Chemistry, and Physics. Principles of Technology may substitute for Physics.
- **Social Studies:** Three and one-half credits required and must consist of World Geography, World History, US History, and US Government.
- **Economics:** One-half credit required.
- **Health:** One-half credit required; may substitute Principles of Health Science (one credit) in place of Health.
- **Physical Education:** One credit required. Waivers: Drill Team, Marching Band (fall semester only), Cheerleading, ROTC, or approved private programs. See your counselor for specific waiver information.
- **LOTE:** Two credits of the same language.
- **Fine Arts:** One credit required, selected from courses in the areas of Art, Music, Theatre Arts, Dance, or Art Appreciation on-line. Floral Design may count towards the required credit for fine arts.
- **Electives:** Five credits required.

### Distinguished Achievement Program (DAP)

- **English:** English I, II, III, and IV required. Immigrant students with limited English proficiency may substitute English I SOL and English II SOL for English I and II ONLY.
- **Professional Communication:** One-half credit Professional Communications or Communication Applications
- **Mathematics:** Four credits required. The four credits must include Algebra I, Algebra II, and Geometry. The fourth math credit must have an Algebra II prerequisite. Math Models MAY NOT be taken on the DAP.
- **Social Studies:** Three and one-half credits required and must consist of World Geography, World History, US History, and US Government.
- **Economics:** One-half credit required.
- **Health:** One-half credit required; may substitute Principles of Health Science (one credit) in place of Health.
- **Physical Education:** One credit required. Waivers: Drill Team, Marching Band (fall semester only), Cheerleading, ROTC, or approved private programs. See your counselor for specific waiver information.
- **Electives:** Three credits of the same language.
- **Fine Arts:** One credit required, selected from courses in the areas of Art, Music, Theatre Arts, Dance, or Art Appreciation on-line. Floral Design may count towards the required credit for fine arts.
- **Electives:** Four credits required.
In order to be considered for graduation on the Minimum Graduation Plan, a student must meet at least one of the following criteria:

- The student is at least 16 years of age.
- The student has completed at least two credits required for graduation in each subject of the foundation curriculum under the Texas Education Code (TEC), §28.002(a)(1).
- The student has failed to be promoted to grade 10 one or more times as determined by the school district.

Parent/Guardian Notification of Benefits of the Recommended High School Program for Graduation

The 81st Texas Legislature, 2009, passed House Bill (HB) 3, amending the Texas Education Code (TEC), §28.025, to require school districts to provide written notice to parents/guardians explaining the benefits of the Recommended High School Program (RHSP) for graduation before a student is permitted to take courses under the Minimum High School Program (MHSP). The purpose of this correspondence is to ensure that parents/guardians are informed about the programs and opportunities afforded to students graduating under the RHSP.

Benefits of graduating under the Recommended High School Program include:

- **College readiness.** Many colleges and universities minimally require the RHSP for admission. In addition, students ranked in the top 10 percent of their graduating class from an accredited Texas public high school are eligible for automatic admission to most Texas public universities if they have completed the RHSP or the Distinguished Achievement Program (DAP).
- **Recognition.** The Recommended High School Program seal will be affixed to the Academic Achievement Record (AAR), or transcript, of students graduating under the RHSP.
- **Test results.** Research suggests that students who take additional English, math, social studies, and science courses make higher scores on the SAT® or ACT® college entrance exams. The RHSP requires four credits in each of these core courses.

Minimum Graduation Plan Credit Requirements

<table>
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</table>

In order to be considered for graduation on the Minimum Graduation Plan, a student must meet at least one of the following criteria:

- The student is at least 16 years of age.
- The student has completed at least two credits required for graduation in each subject of the foundation curriculum under the Texas Education Code (TEC), §28.002(a)(1).
- The student has failed to be promoted to grade 10 one or more times as determined by the school district.

**SUBJECT AREA** | **MINIMUM HIGH SCHOOL PROGRAM**

**ENGLISH** | English I, II, III, and IV required. Immigrant students with limited English proficiency may substitute English I SOL and English II SOL for English I and II ONLY.

**PROFESSIONAL COMMUNICATION** | One-half credit Professional Communication or Communication Applications required.

**MATHEMATICS** | Three credits required. Two credits must include Algebra I and Geometry.

**SCIENCE** | Two credits required. The two credits must include IPC and Biology. May substitute Chemistry or Physics for IPC but must use the other as academic elective credit.

**SOCIAL STUDIES** | Two and one-half credits required and must consist of World Geography or World History, US History, and US Government.

**ECONOMICS** | One-half credit required.

**ACADEMIC ELECTIVE** | One credit selected from either: World History, World Geography, or any science.

**PHYSICAL EDUCATION** | One credit required. Waivers: Drill Team, Marching Band (fall semester only), Cheerleading, ROTC, or approved private programs. See your counselor for specific waiver information.

**HEALTH** | One-half credit required; may substitute Principles of Health.

* **FINE ARTS** | One credit required, selected from courses in the areas of Art, Music, Theatre Arts, Dance, or Art Appreciation on-line. Floral Design may count towards the required credit for fine arts.

**ELECTIVES** | Six credits required.
Amarillo ISD Plan of Study
Worksheet

Student Name: ___________________________________________________________

Career Cluster of Interest: ________________________________________________

Website: www.bridges.com

Portfolio Name: amaisd+student ID _________________________________________

Password: Birthdate (year/month/day) ______________________________________

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</table>

Regular Schedule

<table>
<thead>
<tr>
<th>Course #</th>
<th>9th Grade Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>1240</td>
<td>English I</td>
</tr>
<tr>
<td>4070</td>
<td>Algebra I</td>
</tr>
<tr>
<td>4350</td>
<td>Biology</td>
</tr>
<tr>
<td>4640</td>
<td>World Geography</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Course #</th>
<th>10th Grade Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>1250</td>
<td>English II</td>
</tr>
<tr>
<td>4092</td>
<td>Geometry</td>
</tr>
<tr>
<td>4370</td>
<td>Chemistry</td>
</tr>
<tr>
<td>4650</td>
<td>World History</td>
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</table>

<table>
<thead>
<tr>
<th>Course #</th>
<th>11th Grade Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>1260</td>
<td>English III</td>
</tr>
<tr>
<td>4080</td>
<td>Algebra II</td>
</tr>
<tr>
<td>4390</td>
<td>Physics</td>
</tr>
<tr>
<td>4660</td>
<td>U.S. History</td>
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</table>

<table>
<thead>
<tr>
<th>Course #</th>
<th>12th Grade Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>1270</td>
<td>English IV</td>
</tr>
<tr>
<td></td>
<td>4th Year Math</td>
</tr>
<tr>
<td></td>
<td>4th Year Science</td>
</tr>
<tr>
<td>4690/4700</td>
<td>U.S. Government/Economics</td>
</tr>
</tbody>
</table>
The Animal Science Program at AACAL steps outside the realm of most traditional Agriculture Science programs. Studies encompass zoo animals, exotics, wildlife and production animals. Students are responsible for animal caretaking in the classroom laboratory and involved in many field-based and community service projects. Upon completion of the four-year AACAL program, students will be eligible to take the Texas Veterinary Medical Association exam for Certified Veterinary Assistants.

Students who decide to continue their four-year coherent sequence of courses beyond the sophomore year will apply for admission in the spring semester to the Specialty Program of their choice. Admission to the junior and senior level Specialty Programs is on a competitive basis. Admission to all Junior/Senior level Specialty Programs at AACAL are noted in the course guide with “Application required.”

Oppotunities will be available for all students to participate in real-world application of their science skills. Many local science and math industries have provided guest speakers, job shadowing experiences, mentorships and internships for AACAL students. Students who are accepted to AACAL may also enroll in a core math (Algebra I, Algebra II, Geometry, Pre-Calculus or Calculus) and core science (Biology, Chemistry, Physics or Physics AP) at AACAL. Bus transportation is provided to and from each AISD high school and AACAL.

**Animal Science**

The Animal Science program at AACAL steps outside the realm of most traditional Agriculture Science programs. Studies encompass zoo animals, exotics, wildlife, and production animals. Students are responsible for animal caretaking in the classroom laboratory and involved in many field-based and community service projects. Upon completion of the four-year AACAL program, students will be eligible to take the Texas Veterinary Medical Association exam for Certified Veterinary Assistants.

**Automotive Technology**

Principles of Transportation, Distribution and Logistics, Automotive Technology and Advanced Automotive Technology are offered on the AACAL campus for students to learn basic automotive repair in a laboratory setting beginning the student’s sophomore year. Advanced Automotive Technology builds on the skills from 1st & 2nd year classes and introduces the student to in-depth study and preparation for the automotive industry certification (ASE).

**Engineering Science Technology**

The Engineering Science Technology area explores branches of engineering and provides opportunities to work alongside practicing professionals. Freshman through senior level courses are adopted from Project Lead the Way. The entry level courses explore the strategies of basic research, hands-on learning, competitive individual and group design projects, and college and university visits. In the 3rd and 4th year of the program, students experience real-world application of their skills as they participate in mentorships and internships at engineering companies.

**Graphic Design**

This program offers a course of study that follows the Graphic Design industry and keeps pace with current trends in design. Graphic designers use specialized computer software packages to help them create layouts and design elements. AACAL provides a variety of hands-on learning situations. Students will experience a wide range of work simulations from development of overall layout and production design followed by job mentoring and job internships. Each level provides the students with a comprehensive series that allows them to develop skills, expertise and competence in preparation for industry-level certification exams (ex. Adobe Certified Associate).

**Health Science Technology**

The Health Science program provides a coherent and comprehensive strand of study for students who are interested in pre-medicine, allied health and nursing fields. Each course in the four-year program offers specific coursework and hands-on activities related to medical career pathways. Students have the option in the fourth-year of the HST program to participate in classroom and clinical training which will prepare them to earn certifications in several medical fields.
International Baccalaureate Programme

The International Baccalaureate Organization (IBO), a nonprofit educational foundation based in Switzerland, offers the Diploma Program for students in the final two years of secondary school. The curriculum is internationally based and is designed to provide a broad liberal arts experience for the college-bound student. Each student will become proficient in language and mathematical studies, the two most important tools of communication and analysis, and participate in an in-depth exploration of the study of human behavior and the process of educational inquiry. The resulting educational experience will provide the student with a well-rounded, high academic course of study emphasizing the development of the total individual. Successful completion of the course work and examinations at the junior/senior level may earn students credit and/or advanced placement at colleges and universities around the world. For a complete listing of university recognition policies, go to http://www.ibo.org.

Participation in the IB Diploma Program may actually begin in the Pre-IB courses at the freshman and sophomore levels. Especially in science and history, the Pre-IB courses are different in content and/or sequence, depending on which track the student wishes to pursue during the junior and senior years.

- Beginning in 2006, students who have earned the IB diploma are awarded 24 college credits at any Texas state college or university as long as they score 4 or better on all their IB examinations.

- This is a separate diploma—students must meet requirements for the State of Texas diploma; courses for IB will meet some of the requirements.

- This is a two year program—all IB classes are taught in 11th and 12th grades

Course Requirements

Each student must complete course requirements and tests in the six areas:

1) Language A — English
2) Language B — Language Other than English
3) Individuals and Societies — World/European History
4) Experimental Sciences — Biology, Chemistry, Physics
5) Mathematics — Pre-Cal, Calculus (Math Methods, Math Studies)
6) Group 6 subject — Visual Arts, a second science or economics

- Theory of Knowledge course (2nd semester Junior year; 1st semester Senior year)

- Extended Essay — based on independent research

- Complete at least 150 hours of Creativity, Action, and Service activities

- Diploma candidates must complete three academic subjects at higher level (HL) and three subjects at standard level (SL)

See pages 16—19 for course descriptions and course sequencing chart.
The Amarillo Online School (AOS) is a charter member of the Texas Virtual School Network (TxVSN) and has three full semesters of online course content in the fall, spring, and summer.

Students and parents have discovered that online is often the way to go in order to meet the rigorous schedules demanded of today’s student. In addition to creating a more flexible schedule, online classes prepare students for the college online environment, allowing them to experience first-hand what online college classes will entail.

In an online learning environment delivery of instruction occurs via a computer and the Internet. Students are engaged in well-designed learning activities that help them master curriculum aligned with Texas Essential Knowledge and Skills objectives (TEKS).

Through the TxVSN, AISD students are taught by highly qualified online teachers who are certified in both the content area and in online instruction, trained in skills specific to engaging learners in an online environment.

Communication is key to our program. Teachers are accessible to students and parents through discussion boards, virtual office hours, phone, and e-mail. The online teachers have prepared “classrooms” so that learning can take place anytime, anywhere.

Each course on the TxVSN catalog undergoes rigorous scrutiny to ensure it not only contains all the TEKS, but also to guarantee that it meets international standards for online courses.

For additional information, visit the Online School website at www.amaisd.org/aacal and follow the link to Online School. You may also want to view the TxVSN website at www.txvsn.org.

Online courses may not suit everyone, and each student should work with his or her school counselor in deciding whether or not Online is the right choice. For more information or to sign up for any of these courses, please contact your school counselor.
Dual Credit/College Credit Opportunities

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Campus Offering</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0703</td>
<td>Precision Metal Manufacturing</td>
<td>CHS</td>
<td>Biology or Biology Pre-AP &amp; Chemistry or Chemistry Pre-AP</td>
</tr>
<tr>
<td>4361</td>
<td>Biology—AP</td>
<td>AHS, PDHS, AACAL</td>
<td>Biology Pre-AP</td>
</tr>
<tr>
<td>0250</td>
<td>Business Information Management (BIM)</td>
<td>AHS, PDHS, THS</td>
<td>Touch System Data Entry or Keyboarding recommended</td>
</tr>
<tr>
<td>4110</td>
<td>Calculus AB-AP</td>
<td>CHS</td>
<td>Pre-Calculus Pre-AP</td>
</tr>
<tr>
<td>4381</td>
<td>Chemistry AB-AP</td>
<td>AHS, CHS, PDHS</td>
<td>Chemistry Pre-AP</td>
</tr>
<tr>
<td>4705</td>
<td>Economics-AP</td>
<td>CHS</td>
<td>U.S. History Pre-AP</td>
</tr>
<tr>
<td>0250</td>
<td>Business Information Management (BIM)</td>
<td>AHS, PDHS, THS</td>
<td>Touch System Data Entry or Keyboarding recommended</td>
</tr>
<tr>
<td>4110</td>
<td>Calculus AB-AP</td>
<td>CHS</td>
<td>Pre-Calculus Pre-AP</td>
</tr>
<tr>
<td>4381</td>
<td>Chemistry AB-AP</td>
<td>AHS, CHS, PDHS</td>
<td>Chemistry Pre-AP</td>
</tr>
<tr>
<td>4705</td>
<td>Economics-AP</td>
<td>CHS</td>
<td>U.S. History Pre-AP</td>
</tr>
<tr>
<td>0806</td>
<td>Electronics</td>
<td>CHS</td>
<td>U.S. History Pre-AP</td>
</tr>
<tr>
<td>1277</td>
<td>English IV-AP</td>
<td>AHS, PDHS, THS</td>
<td>English III</td>
</tr>
<tr>
<td>1291</td>
<td>Humanities</td>
<td>THS</td>
<td>None</td>
</tr>
<tr>
<td>4400</td>
<td>Physics B-AP</td>
<td>AACAL, AHS</td>
<td>Physics Pre-AP</td>
</tr>
<tr>
<td>4101</td>
<td>Pre-Calculus—Pre-AP</td>
<td>AACAL, AHS, CHS, PDHS, THS</td>
<td>Algebra II Pre-AP, Geometry Pre-AP</td>
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<tr>
<td>0808</td>
<td>Robotics</td>
<td>CHS</td>
<td>U.S. History Pre-AP</td>
</tr>
<tr>
<td>4695</td>
<td>U.S. Government &amp; Politics—AP</td>
<td>AHS, PDHS, THS</td>
<td>U.S. History Pre-AP</td>
</tr>
<tr>
<td>4660</td>
<td>U.S. History—AP</td>
<td>AHS, PDHS, THS</td>
<td>World History</td>
</tr>
<tr>
<td>6068</td>
<td>Old Testament</td>
<td>AHS, THS</td>
<td>None College Credit Only</td>
</tr>
<tr>
<td>6069</td>
<td>New Testament</td>
<td>AHS, THS</td>
<td>None College Credit Only</td>
</tr>
</tbody>
</table>

Eligibility Requirements

Dual Credit is regulated by both the Texas Higher Education Coordinating Board and Amarillo College policies. To be eligible for dual credit a student must:

Comply with Texas Success Initiative testing requirements

Be classified as a high school junior or senior. The only exception to this rule is students enrolled in the International Baccalaureate Program.

Have an 80 overall grade point average.

Meet established entrance requirements at Amarillo College as well as appropriate prerequisites for any course.

Complete the Amarillo College Application for Admission.

Pay the cost associated with taking a college dual credit course as established by contractual agreement. Amarillo College charges $40 per college hour. A three hour class costs $120.
Core Subjects

**English**

**ENGLISH I**

AHS, CHS, PDHS, THS 1240

GRADE: 9  CREDIT: 1  
PR:  None  

Using both literary and informational texts in all genres as a focus, students develop language skills and practice writing in all forms. Language usage, spelling, and vocabulary development are studied. Students participate in the research process and synthesize their research into a written or oral presentation. The use of technology as well as the interpretation of multicultural literature, universal themes, and literary terminology is embedded throughout. Oral language and critical listening skills enhance student presentation skills necessary for the 21st Century learner. (may also be taken online through TX VSN)

**ENGLISH I – PRE-AP**

AHS, CHS, PDHS, THS 1241

GRADE: 9  CREDIT: 1  
PR:  8th Grade English Pre-AP, Specific entrance criteria (see counselor for more information)  

Students build on English I skills, especially the use of informational texts and writing skills. Emphasis is on effective sentence construction, usage and mechanics in analytical essays, procedural or work-related documents, literary analysis, and expository and persuasive essays. World literature is used along with informational texts to develop more sophisticated reading skills that are related to various types of writing. Multimedia presentations are required. Students participate in the research process and synthesize their research into a written or oral presentation. Oral language and critical listening skills enhance student presentation skills necessary for the 21st Century learner. (may also be taken online through TX VSN)

**ENGLISH II**

AHS, CHS, PDHS, THS 1250

GRADE: 10  CREDIT: 1  
PR:  English I (1240), Specific entrance criteria (see counselor for more information)  

The study of British and world literature to understand the individual's role in society is explored through various literary and informational genres of text. Effective use of language and the writing process support student compositions and documents, whether literary, expository, procedural or work-related, or persuasive. Use of resources and media complement all studies as do oral communication and listening skills. The research process is well-developed in preparedness for college readiness. (may also be taken online through TX VSN)

**ENGLISH III**

AHS, CHS, PDHS, THS 1260  
GRADE: 11  CREDIT: 1  
PR:  English II (1250)  

Students read and write extensively in multiple literary and informational genres from American and multicultural literature. Systematic vocabulary and language study enhances composition skills that incorporate research and documentation. The importance of the author's craft is emphasized in both the student's reading and writing. Emphasis is placed on persuasive and analytical writing, revision and editing skills, and preparing for college readiness. Multimedia presentations are required. Students participate in the research process and synthesize their research into a written or oral presentation. Oral language and critical listening skills enhance student presentation skills necessary for the 21st Century learner. (may also be taken online through TX VSN)

**ENGLISH III – AP**

AHS, CHS, PDHS, THS 1264  
GRADE: 11  CREDIT: 1  
PR:  English II Pre-AP (1251), Specific entrance criteria (see counselor for more information)  

The study of British and world literature to understand the individual's role in society is explored through various literary and informational genres of text. Effective use of language and the writing process support student compositions and documents, whether literary, expository, procedural or work-related, or persuasive. Use of resources and media complement all studies as do oral communication and listening skills. The research process is well-developed in preparedness for college readiness. (may also be taken online through TX VSN)

**ENGLISH IV**

AHS, CHS, PDHS, THS 1270  
GRADE: 12  CREDIT: 1  
PR:  English III (1260)  

The study of British and world literature to understand the individual's role in society is explored through various literary and informational genres of text. Effective use of language and the writing process support student compositions and documents, whether literary, expository, procedural or work-related, or persuasive. Use of resources and media complement all studies as do oral communication and listening skills. The research process is well-developed in preparedness for college readiness. (may also be taken online through TX VSN)

**ENGLISH IV – AP**

AHS, CHS, PDHS, THS 1277  
GRADE: 12  CREDIT: 1  
PR:  English III Pre-AP (1264), Specific entrance criteria (see counselor for more information)  

This course includes intensive college-level study of representative works from various genres and periods in British and world literature. Emphasis is on a work's structure, style, and theme, as well as elements such as figurative language, imagery, symbolism, and tone. Writing is text-centered, with an emphasis on developing stylistic maturity. (Dual credit option; may also be taken online through TX VSN)

**HUMANITIES**

AHS, CHS, PDHS 1291  
GRADE: 11–12  CREDIT: 1  
PR:  None  

Reality Through the Arts, an interdisciplinary, multi-perspective assessment of cultural, political, philosophical and aesthetic factors critical to the formulation of values and the historical development of the individual and of society. (Dual credit option–Humanities 1301)

**ENGLISH FOR SPEAKERS OF OTHER LANGUAGES I (ESOL I)**

AHS, CHS, PDHS, THS 1801  
GRADE: 9–12  CREDIT: 1  
PR:  LPAC eligibility  

ESL classes are available to those students who have been identified as limited English-speaking ability students according to the provisions of the state plan for education.

**ENGLISH FOR SPEAKERS OF OTHER LANGUAGES II (ESOL II)**

AHS, CHS, PDHS, THS 1802  
GRADE: 9–12  CREDIT: 1  
PR:  ESOL I (1801) or equivalent

**Mathematics**

**ALGEBRA I**

AACAL, AHS, CHS, PDHS, THS 4070  
GRADE: 9  CREDIT: 1  
PR:  None  

The study of linear functions, operations with real numbers and the Cartesian coordinate system. (may also be taken online through TX VSN)

**ALGEBRA I – PRE-AP**

CHS 4021  
GRADE: 9  CREDIT: 1  
PR:  None  

Includes all topics for Algebra I but addresses them with greater depth, rigor, and enrichment.

**ALGEBRA II**

AACAL, AHS, CHS, PDHS, THS 4080  
GRADE: 9–12  CREDIT: 1  
PR:  Algebra I (4070), Geometry (4092)  

The study in symbolic reasoning and problem solving. It extends topics from Algebra I; students study complex numbers, rational expressions and equations, logarithms and conics. (may also be taken online through TX VSN)

**ALGEBRA II – PRE-AP**

AACAL, AHS, CHS, PDHS, THS 4081  
GRADE: 10–12  CREDIT: 1  
PR:  Algebra I—Pre-AP & (4093) or (4070) & (4092)  

This course includes all topics for Algebra II but addresses them with greater depth, rigor and enrichment.

**GEOMETRY**

AACAL, AHS, CHS, PDHS, THS 4092  
GRADE: 9–12  CREDIT: 1  
PR:  Algebra I (4070)  

Geometry is a study of deductive reasoning using properties of geometric figures. It also is a study of those properties and a study of congruence, similarity, area, volume, and problem solving. (may also be taken online through TX VSN)

**GEOMETRY – PRE-AP**

AACAL, AHS, CHS, PDHS, THS 4093  
GRADE: 9–12  CREDIT: 1  
PR:  Algebra I—Pre-AP (4021)  

This course includes all topics for Geometry but addresses them with greater depth, rigor, and enrichment.

Some courses are not offered on all campuses but will be offered if there is sufficient enrollment on the campus offering the course. If a student desires to enroll in a course not offered at his/her home campus, the student may apply for transfer to the principal of the school where the course is taught.
**Core Subjects**

**Science**

**INTEGRATED PHYSICS & CHEMISTRY**

AACAL, AHS, CHS, PDHS, THS 4340

GRADE: 9-12  CREDIT: 1

PR: None  Students will study a variety of topics including motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry.  (may also be taken online through TX VSN)

**BIOLOGY**

AACAL, AHS, CHS, PDHS, THS 4350

GRADE: 9-12  CREDIT: 1

PR: None  Students will study a variety of topics including biological organization and development of organisms, biochemistry and molecular genetics, biological evolution, taxonomy, energy exchange in ecosystems, and ecology.  (may also be taken online through TX VSN)

**CHEMISTRY**

AACAL, AHS, CHS, PDHS, THS 4370

GRADE: 10-12  CREDIT: 1

PR: Algebra I  Students will study a variety of topics including matter with energy transformations during physical and chemical changes, characteristics of the periodic table of elements, bonding in many types of chemical reactions, nuclear fusion and nuclear fission.  (may also be taken online through TX VSN)

**CHEMISTRY—PRE-AP**

AACAL, AHS, CHS, PDHS, THS 4371

GRADE: 10-12  CREDIT: 1

PR: Algebra I & IPC (4340) or Biology—Pre-AP (4351) and grade approval  Students will study the principles and concepts of Chemistry in an enriched setting to prepare the student to take Chemistry-AP, a college-equivalent course taught in high school.

**EARTH AND SPACE SCIENCE**

AACAL, AHS, CHS, PDHS, THS 4400

GRADE: 11-12  CREDIT: 1

PR: None  Principles of Technology is a course in applied science that is designed to prepare students more effectively for the advances in technology. It uniquely teaches traditional physics concepts in the context of their relationship to the four energy systems; mechanical, fluid, electrical, and thermal. Emphasis is placed on hands on activities, creative thinking and problem solving, while having fun learning.

**ANATOMY & PHYSIOLOGY OF HUMAN SYSTEMS**

AACAL, AHS, PDHS, THS 0455, 0455c

GRADE: 11-12  CREDIT: 1

PR: (4350) or (4371)  Students will study a variety of topics including the structural makeup of the human body and the manner in which those structures function and interact with one another.

**AQUATIC SCIENCE PRE-AP**

CHS, THS

GRADE: 11-12  CREDIT: 1

PR: Biology (4350)  Students will study relationships among aquatic habitats and ecosystems, adaptations of aquatic organisms, geological phenomena, and origin and use of water in a watershed.
Core Subjects

ENVIRONMENTAL SCIENCE-AP
THS 4419
GRADE: 11-12 CREDIT: 1
PR: None

UNITED STATES HISTORY: FROM RECONSTRUCTION TO THE PRESENT
AHS, CHS, PDHS, THS 4660
GRADE: 10-12 CREDIT: 1
PR: None

UNITED STATES HISTORY—AP
AHS, CHS, PDHS, THS 4662
GRADE: 11 CREDIT: 1
PR: World Geography—Pre-AP (4641) & World History Studies—Pre-AP (4651)

UNIVERSITY OF TEXAS AUSTIN—AP

AP MICROECONOMICS
AHS, CHS, PDHS, THS 4706
GRADE: 12 CREDIT: ½
PR: None

AP MACROECONOMICS
AHS, CHS, PDHS, THS 4705
GRADE: 12 CREDIT: ½
PR: US History-AP (4662)

AP PSYCHOLOGY
CHS, THS 4730
GRADE: 10-12 CREDIT: ½
PR: None

AP EUROPEAN HISTORY
AHS, CHS, PDHS, THS 4680
GRADE: 12 CREDIT: ¼
PR: World Geography—Pre-AP (4641)

AP MACROECONOMICS
AHS, CHS, PDHS, THS 4705
GRADE: 12 CREDIT: ½
PR: US History-AP (4662)

AP MACROECONOMICS
AHS, CHS, PDHS, THS 4706
GRADE: 12 CREDIT: ¼
PR: None

AP MICROECONOMICS
AHS, CHS, PDHS, THS 4706
GRADE: 12 CREDIT: ½
PR: None

STATE UNIVERSITY SYSTEM OF TEXAS—AP

AP ENVIRONMENTAL SCIENCE
AHS, CHS, PDHS, THS 4645
GRADE: 12 CREDIT: ½
PR: None

SOCIAL STUDIES

WORLD GEOGRAPHY STUDIES
AHS, CHS, PDHS, THS 4640
GRADE: 9-10 CREDIT: 1
PR: None

WORLD GEOGRAPHY—PRE-AP
AHS, CHS, PDHS 4641
GRADE: 9-10 CREDIT: 1
PR: None

WORLD HISTORY STUDIES
AHS, CHS, PDHS, THS 4650
GRADE: 9-10 CREDIT: 1
PR: None

WORLD HISTORY STUDIES—PRE-AP
AHS, CHS, PDHS 4651
GRADE: 9-10 CREDIT: 1
PR: World Geography—Pre-AP (4641)

WORLD HISTORY—AP
THS 4653
GRADE: 10-12 CREDIT: 1
PR: None

HUMAN GEOGRAPHY—AP
THS 4645
GRADE: 9 CREDIT: 1
PR: None

HUMAN GEOGRAPHY—AP
THS 4645
GRADE: 10-12

Some courses are not offered on all campuses but will be offered if there is sufficient enrollment on the campus offering the course. If a student desires to enroll in a course not offered at his/her home campus, the student may apply for transfer to the principal of the school where the course is taught.
The International Baccalaureate Diploma Programme is a two-year intense college-preparation program that requires students to develop their skills in six academic areas as well as their capabilities in independent research, creativity, action, service, and interdisciplinary questioning. The Pre-IB courses are necessary to prepare students to succeed in the IB Diploma Programme.

<table>
<thead>
<tr>
<th>Diploma Course</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>English HL</td>
<td>English I Pre-AP / IB</td>
<td>English II Pre-AP / IB</td>
<td>English III IB</td>
<td>English IV IB HL</td>
</tr>
<tr>
<td>Spanish B SL</td>
<td>Spanish B I/II Pre IB</td>
<td>Spanish B III/IV Pre IB</td>
<td>Spanish B III/IV Pre IB</td>
<td>Spanish IV/VI IB SL</td>
</tr>
<tr>
<td>History HL</td>
<td>World Studies Pre-IB</td>
<td>US History AP/Pre-IB</td>
<td>History of Europe IB</td>
<td>20th Century World Topics IB HL / Economics IB SL</td>
</tr>
<tr>
<td>Biology HL</td>
<td>Biology Pre-AP / IB</td>
<td>Chemistry Pre AP / IB Physics Pre AP / IB</td>
<td>Biology IB HL First Year</td>
<td>Biology IB HL Second Year</td>
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<td>Chemistry SL</td>
<td>Biology Pre-AP / IB</td>
<td>Chemistry Pre AP / IB Physics Pre AP / IB</td>
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<tr>
<td>Physics SL</td>
<td>Biology Pre-AP / IB</td>
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<td>Physics IB SL</td>
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<tr>
<td>Math Methods SL</td>
<td>Geometry Pre-AP / IB</td>
<td>Algebra II Pre-AP / IB</td>
<td>Pre-Calculus Pre-IB</td>
<td>Math SL Statistics IB</td>
</tr>
<tr>
<td>Visual Arts HL</td>
<td>Art I Pre IB</td>
<td>Art I Pre IB or Art II or Digital Graphics</td>
<td>Electronic Media SL or Art III Drawing and Painting SL</td>
<td>Art IV Drawing and Painting HL or Electronic Media HL</td>
</tr>
<tr>
<td>Visual Arts SLA</td>
<td>Art I Pre-IB</td>
<td>Art I Pre-IB or II or Digital Graphics</td>
<td>Electronic Media SL or Art III Drawing and Painting SL or Composition.</td>
<td>Electronic Media SL or Art III Drawing and Painting SL</td>
</tr>
<tr>
<td>Theatre Arts I</td>
<td>Band, Orchestra, Choir, Music Theory Pre-IB</td>
<td>Band, Orchestra, Choir, and Music Theory Pre-IB</td>
<td>Band, Orchestra, Choir, and Music Theory Pre-IB</td>
<td>Music SL through Choir, Band, Orchestra or Solo Performance or Composition.</td>
</tr>
</tbody>
</table>

The International Baccalaureate Programme
ENGLISH I—I-PRE-IB / IB
AHS 1243
GRADE: 9
CREDIT: 1
PR: Special entry criteria  With emphasis on critical and creative thinking skills, the curriculum stresses research, oral language, text-centered writing, vocabulary study, and technology. Various genre in literature allow emphasis on analysis for deeper meaning and analysis of diction and universal theme.

ENGLISH II—I-PRE-IB / IB
AHS 1254
GRADE: 10
CREDIT: 1
PR: Special entry criteria  Challenging world literature explores the universal concerns of man in society. Students study various genres, authors, and historical periods, combining research-based products with higher level thinking skills. Writing and oral language skills receive strong emphasis.

ENGLISH III-IB (1st year)
AHS 1265
GRADE: 10
CREDIT: 1
PR: 1254/Special entry criteria  This course is largely based on IB designated literature selections. These selections include different genres and periods from American and world literature. Students develop analytical and interpretive skills and strengthen written and vocabulary skills. They produce a variety of texts, including two taped oral presentations to meet IB requirements.

ENGLISH IV-HL (2nd year)
AHS 1276
GRADE: 12
CREDIT: 1
PR: 1265/Special entry criteria  This course includes intensive college level study of world and British literature. Emphasis is on a work’s structure, style, and theme, as well as such elements as figurative language, imagery, symbolism, and tone. Writing is text-centered with an emphasis on developing stylistic maturity and interpretive skills. Students will produce two essays based on the IB curriculum requirement. (Dual Credit option)

LATIN B I—I-PRE-IB
AHS 3141
GRADE: 9
CREDIT: 1
PR: Special entry criteria  Students acquire the fundamental principles of Latin grammar and vocabulary as well as develop reading skills and a broader English vocabulary through the study of word derivation. Studies of culture, history, mythology, and literature develop a greater appreciation of the civilization of the ancient world.

LATIN B II—I-PRE-IB
AHS 3144i
GRADE: 9-10
CREDIT: 1
PR: 3141/Special entry criteria  Students expand their knowledge of Latin grammar, vocabulary, word derivation, and the civilization of the classical world.

LATIN B III—I-PRE-IB
AHS 3146i
GRADE: 10-11
CREDIT: 1
PR: 3144i/Special entry criteria  This course develops vocabulary, grammar, and reading skills through a survey of various Latin authors and literary genres. This course of study is designed to prepare the student to read and appreciate the IB syllabus in level IV.

LATIN B IV—I-PRE-IB
AHS 3145
GRADE: 11
CREDIT: 1
PR: 3146i/Special entry criteria  Latin B IV Pre-IB offers the student the opportunity to read in detail the prescribed authors to study their lives and works, to review the skills of meter and scansion, to review literary devices, and to analyze the effects of these techniques on the written Latin.

LATIN B IV IB SL
AHS 3148i
GRADE: 11-12
CREDIT: 1
PR: 3146i/Special entry criteria  Latin B IV SL enables the student to take the IB Standard Level exam in Latin, including the ability to translate English and Latin passages at sight and to write essays on the works of the previously studied Latin authors.

LATIN B V IB SL
AHS 3139i
GRADE: 12
CREDIT: 1
PR: 3148i/Special entry criteria  Latin B V SL continues the detailed study of works by the prescribed Latin authors and their lives. Further intense study in translation and analysis prepares the student to take the IB Standard Level exam, including translating Latin passages and analyzing the literature of selected Latin authors.

SPANISH B I—I-PRE-IB
AHS 3155i
GRADE: 9
CREDIT: 1
PR: Special entry criteria  Students learn Spanish through conversation, culture, and comparisons to other languages.

SPANISH B II—I-PRE-IB
AHS 3158i
GRADE: 9-10
CREDIT: 1
PR: 3154 or 3155i/Special entry criteria  Students continue their learning of Spanish through conversational skills, culture, history and vocabulary study.

SPANISH B III—I-PRE-IB
AHS 3136i
GRADE: 10-11
CREDIT: 1
PR: 3158/Special entry criteria  This course focuses on further development of the individual’s mastery of Spanish grammar and the spoken language. Curriculum includes (but is not limited to) text handling, mastery of more complex grammatical skills, and further study of Spanish-speaking cultures.

SPANISH B IV—I-PRE-IB
AHS 3164i
GRADE: 11
CREDIT: 1
PR: 3136i/Special entry criteria  This course continues and expands the curriculum introduced in Spanish III Pre-IB with emphasis on preparation for the IB internal and external assessments. The student will sit for the IB exam at the end of Spanish B V SL next year.

SPANISH B IV IB SL
AHS 3162
GRADE: 11-12
CREDIT: 1
PR: 3136i/Special entry criteria  This course continues and expands the curriculum introduced in Spanish III/IV Pre-IB with emphasis on preparation for the IB internal and external assessments. The student will sit for the IB exam at the end of this course.

GROUP 2 LANGUAGE B

WORLD STUDIES PRE-IB (WORLD GEOGRAPHY CREDIT)
AHS 4644
GRADE: 9
CREDIT: 1
PR: None  This course is a fast-paced and demanding study of Credited States history form colonial times to the present. It requires rigorous reading and writing assignments, independent student work and the completion of a variety of research projects. International study will include required reading. At least one research project will follow IB internal assessment criteria. (Dual Credit Option)

HISTORY OF EUROPE IB
AHS 4668
GRADE: 11
CREDIT: 1
PR: 4664/Special entry criteria  This course includes a general chronology of European history from 1450 to the present and an examination of the political and diplomatic, intellectual and cultural, and social and economic history of Europe. There is no focus on one country. Students will complete an IB internal assessment in the spring.

20TH CENTURY TOPICS IB HL
AHS 4669
GRADE: 12
CREDIT: 1
PR: 4668/Special entry criteria  This course will provide students an in-depth study of three topics in 20th Century World History. All three topics require the study of several nations. IB external assessment will be completed in this course.

ECONOMICS IB SL
AHS 4706
GRADE: 12
CREDIT: ½
PR: None  The purpose of an AP course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual
### International Baccalaureate Programme

Decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

**GROUP 4 EXPERIMENTAL SCIENCES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade</th>
<th>Credit</th>
<th>PR:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BIOLOGY—PRE AP / IB</strong></td>
<td>AHS 4354</td>
<td>9</td>
<td>1</td>
<td>Alg I (4070) &amp; IPC (4340) or Biology—PRE-AP (4351) and grade approval.</td>
</tr>
<tr>
<td><strong>CHEMISTRY—PRE-AP / IB</strong></td>
<td>AHS 4371</td>
<td>10-12</td>
<td>1</td>
<td>Alg II (4351) and grade approval. Students will study the principles and concepts of Chemistry in an enriched setting to prepare the student to take Chemistry/AP, which is a college-equivalent course taught in high school.</td>
</tr>
<tr>
<td><strong>PHYSICS—PRE-AP / IB</strong></td>
<td>AHS 4391</td>
<td>11-12</td>
<td>1</td>
<td>Alg II: Students will study the principles and concepts of Physics in an enriched setting to prepare the student to take Physics/AP, a college-equivalent course taught in high school.</td>
</tr>
<tr>
<td><strong>BIOLOGY IB HL (1st year)</strong></td>
<td>AHS 4355</td>
<td>11</td>
<td>1</td>
<td>4354 &amp; 4344/Special entry criteria Students will study in-depth, college-level Biology.</td>
</tr>
<tr>
<td><strong>BIOLOGY IB HL (2nd year)</strong></td>
<td>AHS 4357</td>
<td>12</td>
<td>1</td>
<td>4355/Special entry criteria Students will study in-depth, college-level Biology.</td>
</tr>
<tr>
<td><strong>CHEMISTRY IB HL (1st year) or SL</strong></td>
<td>AHS 4373</td>
<td>11</td>
<td>1</td>
<td>4354 &amp; 4344/Special entry criteria Students will study in-depth, college-level Chemistry. This course prepares candidates to succeed on the IB Chemistry SL examination.</td>
</tr>
<tr>
<td><strong>PHYSICS IB SL</strong></td>
<td>AHS 4392</td>
<td>11-12</td>
<td>1</td>
<td>Alg II/4344 Students will study in-depth, college-level Physics.</td>
</tr>
</tbody>
</table>

**GROUP 5 MATHEMATICS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade</th>
<th>Credit</th>
<th>PR:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GEOMETRY—PRE AP / IB</strong></td>
<td>AHS 4096</td>
<td>9-10</td>
<td>1</td>
<td>Alg I/PSpecial entry criteria. This course is a challenging and in-depth study of the basic elements of geometry. Addition-</td>
</tr>
<tr>
<td><strong>ALGEBRA II—PRE-AP / IB</strong></td>
<td>AHS 4082</td>
<td>9-10</td>
<td>1</td>
<td>4096/Special entry criteria Algebra II—Pre-IB includes all topics for Algebra II but addresses them with greater depth, rigor, and enrichment.</td>
</tr>
<tr>
<td><strong>PRE-CALCULUS—PRE AP / IB</strong></td>
<td>AHS 4101I</td>
<td>10-11</td>
<td>1</td>
<td>4082/Special entry criteria This course includes all the elements taught in a regular Pre-calculus class, extensions of those elements, additional elements and enrichment activities. Students planning to take calculus as part of Math Methods should enrol in this course. (Dual Credit option)</td>
</tr>
</tbody>
</table>

**GROUP 6 FINE ARTS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade</th>
<th>Credit</th>
<th>PR:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ART I—PRE-IB</strong></td>
<td>AHS 2235I</td>
<td>9-10</td>
<td>1</td>
<td>Special entry criteria Students focus on developing skills in drawing, design, and color application. Art styles and techniques will be explored in a research workbook.</td>
</tr>
<tr>
<td><strong>ART II—PRE-IB PAINTING</strong></td>
<td>AHS 2264I</td>
<td>10-11</td>
<td>1</td>
<td>2235I/Special entry criteria Students focus on developing painting skills by applying in their work the content and styles of other artists as reflected in a research workbook as well as techniques introduced by the instructor.</td>
</tr>
<tr>
<td><strong>ART II—PRE-IB DRAWING</strong></td>
<td>AHS 2259I</td>
<td>10-11</td>
<td>1</td>
<td>2235I/Special entry criteria Students focus on developing drawing skills by applying in their work the content and styles of other artists as reflected in a research workbook as well as techniques introduced by the instructor.</td>
</tr>
<tr>
<td><strong>DRAWING &amp; PAINTING IB HL</strong></td>
<td>AHS 2262</td>
<td>12</td>
<td>1</td>
<td>2260 or 2261/Special entry criteria Higher level candidates may work in drawing and painting, refining previous pieces and adding new ones to their portfolios. Research workbooks explore areas of interest that students reflect in their studio work. An outside examiner assesses SLA candidates on their portfolio exhibit and individual interviews based on the content developed in their research workbooks.</td>
</tr>
</tbody>
</table>

**GROUP 7 LANGUAGES**

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credit</th>
<th>PR:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ELECTRONIC MEDIA IB SL</strong></td>
<td>AHS 2300I</td>
<td>11-12</td>
<td>1</td>
<td>1040I/Special entry criteria This course is a continuation of the curriculum begun in Pre IB Digital Graphics/Animation and encompasses a rigorous program of investigation in computer generated art. Students must produce artwork of sufficient quality and quantity for an IB art portfolio. An external examiner assesses SLA candidates on their portfolio exhibit and individual interviews based on their research workbooks. This is a 2 year program.</td>
</tr>
<tr>
<td><strong>DIGITAL GRAPHICS/ANIMATION PRE-IB</strong></td>
<td>AHS 2235I</td>
<td>10-11</td>
<td>1</td>
<td>2235I/Special entry criteria This course fulfills the State requirement for Technology Applications and acts as a preparatory course for Electronic Media SL, for the Group 6 option in the IB program. The students must master relevant computer skills, various graphic programs, and several digital-imaging devices and then apply that knowledge to produce artwork.</td>
</tr>
</tbody>
</table>

**GROUP 8 COMMUNICATIONS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade</th>
<th>Credit</th>
<th>PR:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DRAWING IB SLA (or 1ST YEAR OF HL)</strong></td>
<td>AHS 2260</td>
<td>11-12</td>
<td>1</td>
<td>2260/Special entry criteria Art II is recommended for students interested in this advanced program. Students use various painting media and techniques to create artwork for their portfolio exhibit. They develop a research workbook that explores techniques, media, art movements and art styles. This research must be applied in the studio work. An external examiner assesses SLA candidates on their portfolio exhibit and individual interviews based on the content developed in their research workbooks.</td>
</tr>
</tbody>
</table>

**GROUP 9 SOCIAL STUDIES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade</th>
<th>Credit</th>
<th>PR:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ECONOMICS</strong></td>
<td>AHS 4300</td>
<td>9</td>
<td>1</td>
<td>4300/Special entry criteria This course is an advanced program. Students use various enrichment activities. Students planning to take calculus as part of Math Methods should enrol in this course. (Dual Credit option)</td>
</tr>
<tr>
<td><strong>MATH METHODS IB SL (CALCULUS)</strong></td>
<td>AHS 4111</td>
<td>11-12</td>
<td>1</td>
<td>4096/Special entry criteria This course includes all the elements taught in a regular Pre-calculus class, extensions of those elements, additional elements and enrichment activities. Students planning to take calculus as part of Math Methods should enrol in this course. (Dual Credit option)</td>
</tr>
</tbody>
</table>

Various techniques, media, art movements and art styles; in addition, they must apply their research lessons to their studio work. An external examiner assesses SLA candidates on their portfolio exhibit and individual interviews based on the content developed in their research workbooks.
individual interviews based on research workbooks.

SPECIAL COURSE

THEORY OF KNOWLEDGE I
AHS 2000
GRADE: 11 CREDIT: ½
PR: Special entry criteria Taken the second semester of the junior year. Theory of Knowledge continues into the senior year and contains monitoring of the extended essay.

THEORY OF KNOWLEDGE II
AHS 2001
GRADE: 12 CREDIT: ½
PR: Special entry criteria Taken the first semester of the senior year. Theory of Knowledge examines the influence of the sources of knowledge (perception, language, reason and emotion) and questions various knowledge claims and value judgments of the areas of knowledge (mathematics, natural sciences, human sciences, history, the arts and ethics). Students formulate a personal mode of thought based on critical examination of evidence and expressed in rational arguments. By the end of the course, The students have developed an awareness of and an appreciation for the similarity and diversity within the global community, the connectedness among the varied disciplines of knowledge, and an attitude that celebrates the dignity and worth of all humanity despite its limitations.
Languages Other Than English

American Sign Language

AMERICAN SIGN LANGUAGE I
CHS 3190
GRADE: 9-12 CREDIT: 1
PR: None In ASL I students learn the phonology, morphology, syntactical, semantic, and pragmatics of the primary language for the deaf. Deaf culture is emphasized through video tapes and articles.

AMERICAN SIGN LANGUAGE II
CHS 3192
GRADE: 9-12 CREDIT: 1
PR: ASL I (3190) In ASL II the students perfect and broaden their skills in ASL I by the use of social expression, body placement, and gestures through conversation and interpretation. Students broaden their knowledge and understanding of deaf culture.

French

FRENCH I
AHS, PDHS, THS 3126
GRADE: 9-12 CREDIT: 1
PR: None French I is an introductory course which focuses on the four basic skills of reading, writing, speaking, and listening. The learning of basic grammar, vocabulary, and French culture are incorporated into all the skills. (may also be taken online through TX VSN)

FRENCH I PRE-AP
THS 3127
GRADE: 9-12 CREDIT: 1
PR: None An introductory course which focuses on the four basic skills of reading, writing, speaking, and listening. Emphasis is placed on learning the reading and speaking skills for use on the AP test after level 3 or 4.

FRENCH II
AHS, PDHS, THS 3129
GRADE: 10-12 CREDIT: 1
PR: French I (3126) French II reinforces and expands the development of the four basic language skills. An emphasis is placed on conversational skills and a more in-depth study of the culture and history. (may also be taken online through TX VSN)

FRENCH II PRE-AP
AHS, THS 3130
GRADE: 10-12 CREDIT: 1
PR: French I Pre-AP (3127) or French I (3126) French II Pre-AP focuses on the skills needed for the French Language AP test. Speaking, writing, reading, and listening skills are enhanced and grammar is in-depth and accelerated. Language usage is encouraged by class discussions and active participation. French history and culture are explored.

FRENCH III PRE-AP
AHS, PDHS, THS 3132
GRADE: 11-12 CREDIT: 1
PR: French II (3129) or French II Pre-AP (3130) French III Pre-AP encourages the student to use the language through class discussion and active participation. A thorough study of French history and literature aids reading and writing skills.

FRENCH IV-AP
AHS, THS 3145
GRADE: 12 CREDIT: 1
PR: French III Pre-AP (3132) French IV-AP encourages the student to use the language through class discussion and active participation. A thorough study of French history and literature aids reading and writing skills. (may also be taken online through TX VSN)

FRENCH CULTURE & LINGUISTIC TOPICS
THS 3189
GRADE: 9-12 CREDIT: 1
PR: None Students study cultural, linguistic, geographical, or historical aspects of selected regions in the Francophone world.

German

GERMAN I
AHS 3168
GRADE: 9-12 CREDIT: 1
PR: None In German I, the student is introduced through communication, culture, connection and comparison to other languages and the extension of languages into the community at a novice level. (may also be taken online through TX VSN)

GERMAN II
AHS 3171
GRADE: 10-12 CREDIT: 1
PR: German I (3168) In German II, students continue their learning through communication, culture, connection and comparisons to other languages and the extension of languages into the community. (may also be taken online through TX VSN)

GERMAN II PRE-AP
AHS 3172
GRADE: 10-12 CREDIT: 1
PR: German I (3168) The German II curriculum will be covered with added focus on advanced grammar and reading. This course will be an accelerated program for students planning to prepare seriously for the AP exam and for those on the DAP graduation plan.

GERMAN III PRE-AP
AHS 3174
GRADE: 10-12 CREDIT: 1
PR: German II (3171) In German III—Pre-AP, students expand their knowledge and experience with language through communication, culture, connection, and comparison to other languages and extension of language into community at an intermediate level. Students are introduced to literature selections.

Latin

LATIN I
AHS, PDHS 3140
GRADE: 9-12 CREDIT: 1
PR: None In Latin I the student acquires the fundamental principles of Latin grammar and vocabulary as well as develops reading and writing skills and a broader English vocabulary through the study of word derivation. The student also acquires knowledge and appreciation of the civilization of the ancient world through a study of its culture, history, mythology, and literature. (may also be taken online through TX VSN)

LATIN II
AHS 3143
GRADE: 9-12 CREDIT: 1
PR: Latin I (3140) In Latin II the student thoroughly reviews and expands his/her knowledge of Latin grammar, vocabulary, and the civilization of the classical world, while further developing reading skills and further expanding English vocabulary through continued study of word derivation. (may also be taken online through TX VSN)

LATIN II—PRE-AP
AHS 3144
GRADE: 9-11 CREDIT: 1
PR: Latin I (3140) The Latin II curriculum will be covered with added focus on advanced grammar and reading. This course will be an accelerated program for students planning to prepare seriously for the AP exam and for those on the DAP graduation plan.

LATIN III—PRE-AP
AHS, PDHS 3146
GRADE: 10-12 CREDIT: 1
PR: Latin I (3143) This course develops vocabulary, grammar, and reading skills through a survey of various Latin authors and literary genres. This course of study is designed to prepare the student to read and appreciate the AP syllabus in levels IV and V.

LATIN IV-AP
AHS 3148
GRADE: 11-12 CREDIT: 1
PR: Latin III (3146) This course prepares the student to take the Virgil AP exam, as it delves very deeply into each poem listed in the syllabi for these exams. (may also be taken online through TX VSN)
Languages Other Than English

Spanish

SPANISH I
AHS, CHS, PDHS, THS 3154
GRADE: 9-12 CREDIT: 1
PR: None
In Spanish I, the student is introduced to Spanish through communication, culture, connection, and comparisons to other languages and extension of languages into the community at a novice level. (may also be taken online through TX VSN)

SPANISH II
AHS, CHS, PDHS, THS 3157
GRADE: 9-12 CREDIT: 1
PR: Spanish I (3154)
In Spanish II, students continue their learning of Spanish through communication, culture, connection, and comparisons to other languages and extension of languages into the community. (may also be taken online through TX VSN)

SPANISH II—PRE-AP
AHS, THS 3159
GRADE: 9-10 CREDIT: 1
PR: Spanish I (3154)
Students will focus on the areas of reading, writing, listening, speaking, culture, and communication in preparation for the fourth-year Spanish AP test.

SPANISH III
AHS, CHS, THS 3156
GRADE: 9-12 CREDIT: 1
PR: Spanish II (3157)
In Spanish III, students expand their knowledge and experience with language through communication, culture, connection, and comparison to other languages and extension of language into community at an intermediate level. (may also be taken online through TX VSN)

SPANISH IV-AP
AHS, CHS, PDHS, THS 3164
GRADE: 11-12 CREDIT: 1
PR: Spanish III (3160)
In Spanish IV-AP, students will further develop their skills in Spanish through communication, culture, connection, and comparison to other languages at an intermediate level with further emphasis on literature and expanded use of technology. (Dual Credit option at CHS; may also be taken online through TX VSN)

SPANISH V-AP
AHS, CHS, PDHS, THS 3167
GRADE: 11-12 CREDIT: 1
PR: Spanish IV (3164)
In Spanish V-AP, students will further develop and apply their skills through communication, culture, connection, and comparison to other languages with further emphasis on literature and expanded use of technology. (may also be taken online through TX VSN)

SPANISH ACCELERATED 1 & 2
THS 3149
Grades 9-12 CREDIT: 2
PR: Must understand spoken Spanish
In Spanish Accelerated 1 & 2 Heritage, students who already understand spoken Spanish are exposed to their heritage, along with reading, writing, and speaking of Spanish. These unique students are able to move quickly and will receive credit for Spanish 1 & 2.
Physical Education, Athletics & Health

Physical Education

**PE IA—FOUNDATIONS OF PERSONAL FITNESS**
AHS, CHS, PDHS, THS 3621
GRADE: 9-12 CREDIT: 1
PR: none The purpose of this course is to motivate students to strive for lifetime personal fitness, with an emphasis on their overall health. (may also be taken online through TX VSN)

**PE EQUIVALENT I**
AHS, CHS, PDHS, THS 3694
GRADE: 9-12 CREDIT: 1
PR: Application with counselor.

**INDIVIDUAL AND TEAM SPORTS**
AHS, CHS, PDHS, THS 3624
GRADE: 9-12 CREDIT: 1
Students will be introduced to a variety of individual sports which can be pursued as lifetime activities. Students will be introduced to a variety of team sports, their rules, and an appreciation for teamwork and fair play.

**TAE KWON DO**
AHS 3623
GRADE: 9-12 CREDIT: ½, 1
PR: none This competitive class offers more discipline, self-control, respect, and courtesy taught the traditional martial arts way.

**TENNIS—RECREATIONAL**
PDHS 3685
GRADE: 10-12 CREDIT: ½, 1
PR: none This is a PE class with emphasis on tennis as a lifetime activity.

Athletics

Trainers & Sports Medicine

**ATHLETIC TRAINER I**
AHS, CHS, PDHS, THS 3692
Grade: 9-11 CREDIT: ½, 1
PR: None Introduction to sports medicine. This course will prepare the student to use basic first aid, taping, and bandaging techniques in the care and prevention of athletic injuries.

**ATHLETIC TRAINER II**
AHS, CHS, PDHS, THS 3693
GRADE: 10-12 CREDIT: ½, 1
PR: (3692) An advanced instruction of the techniques of athletic training with concentration on the study of trauma care and rehabilitation of the athlete.

**SPORTS MEDICINE I**
AHS, CHS, PDHS, THS
GRADE: 11-12 CREDIT: 1
PR: Athletic Trainer II Credit only.

**SPORTS MEDICINE II**
AHS, CHS, PDHS, THS 3699
GRADE: 11-12 CREDIT: 1
PR: Sports Med. I (3698) Credit only.

Competitive Sports

**ATHLETICS 9**
BOYS 3663
GIRLS’ 3674
CHS, PDHS
GRADE: 9 CREDIT: ½, 1
PR: Tryout process

**ATHLETICS 9—BOYS FOOTBALL**
AHS, THS 3701
GRADE: 9 CREDIT: ½, 1
PR: Tryout process

**ATHLETICS 9—BASKETBALL**
BOYS 3702
GIRLS 3715
AHS, THS
GRADE: 9 CREDIT: ½, 1
PR: Tryout process

**ATHLETICS 9—GIRLS VOLLEYBALL**
AHS, THS 3714
GRADE: 9 CREDIT: ½, 1
PR: Tryout process

**BASEBALL**
AHS, CHS, PDHS, THS 3665
GRADE: 10-12 CREDIT: ½, 1
PR: Tryout process

**BASKETBALL**
BOYS 3667
GIRLS 3675
AHS, CHS, PDHS, THS
GRADE: 10-12 CREDIT: ½, 1
PR: Tryout process

**COMPETITIVE SWIMMING**
AHS, CHS, PDHS, THS 3681
GRADE: 9-12 CREDIT: ½, 1
PR: Tryout process

**CROSS COUNTRY**
BOYS 3671
GIRLS 3678
AHS, CHS, PDHS, THS
GRADE: 9-12 CREDIT: ½, 1
PR: Tryout process

**FOOTBALL**
AHS, CHS, PDHS, THS 3664
GRADE: 10-12 CREDIT: ½, 1
PR: Tryout process

**GOLF TEAM**
BOYS 3669
GIRLS 3679
AHS, CHS, PDHS, THS
GRADE: 9-12 CREDIT: ½, 1
PR: Tryout process

**SOFTBALL—GIRLS**
AHS, CHS, PDHS, THS 3688
GRADE: 9-12 CREDIT: ½, 1
PR: Tryout process

**SOCCER TEAM**
BOYS 3670
GIRLS 3680
AHS, CHS, PDHS, THS
GRADE: 9-12 CREDIT: ½, 1
PR: Tryout process

**TENNIS TEAM A—VARSITY**
AHS, CHS, PDHS, THS 3683
GRADE: 9-12 CREDIT: ½, 1
PR: Tryout process

**TENNIS TEAM B**
CHS, THS 3684
GRADE: 9-11 CREDIT: ½, 1
PR: Tryout process

**TENNIS TEAM—JV**
AHS, PDHS 3686
GRADE: 9-12 CREDIT: ½, 1
PR: Tryout process

**TRACK**
BOYS 3668
GIRLS 3677
AHS, CHS, PDHS, THS
GRADE: 9-12 CREDIT: ½, 1
PR: Tryout process

**VOLLEYBALL**
AHS, CHS, PDHS, THS 3676
GRADE: 10-12 CREDIT: ½, 1
PR: Tryout process

**WRESTLING**
BOYS 3666
GIRLS 3659
AHS, CHS, PDHS, THS
GRADE: 9-12 CREDIT: ½, 1
PR: Tryout process
The school district board of trustees may allow a student to substitute certain physical activities for the required credits in physical education, including the Foundations of Personal Fitness. The substitutions must be based on the physical activity involved in drill team, marching band, and cheerleading during the fall semester; Junior Reserve Officer Training Corps (JROTC); athletics; and Dance I-IV.

Source: The provisions of this §74.63 adopted to be effective September 1, 2005, 29 TexReg 9358; amended to be effective January 9, 2007, 32 TexReg 68.

In Addition...

See your counselor for a complete list of courses that may substitute.
Special Course Offerings

OLD TESTAMENT
AHS, THS 6068
GRADE: 9-12 CREDIT: ½
PR: None This study includes the historical, literary, and social values of the Old Testament. (Local Credit, College credit option at AHS & THS for 11th & 12th grade students)

NEW TESTAMENT
AHS, THS 6069
GRADE: 9-12 CREDIT: ½
PR: None This study includes the historical, literary, and social values of the New Testament. (Local Credit, College credit option at AHS & THS for 11th & 12th grade students)

PEER ASSISTANCE & LEADERSHIP (PALs)
AHS, CHS, PDHS, THS 6030
GRADE: 11-12 CREDIT: 1
PR: Application process PALs are trained in listening and communication skills, basic principles of human behavior, peer tutoring, decision making, problem solving, and in understanding of community resources. Once trained, PALs are assigned to elementary and middle schools to provide assistance to students during the class meeting time.

PEER ASSISTANCE & LEADERSHIP II (PALs II)
CHS, PDHS, THS 6031
GRADE: 12 CREDIT: 1
PR: Application process PALs are trained in listening and communication skills, basic principles of human behavior, peer tutoring, decision making, problem solving, and in understanding of community resources. Once trained, PALs are assigned to elementary and middle schools to provide assistance to students during the class meeting time.

Visit the College & Career Information Center

- Career and Interest assessment
- Internet Access for Research
- Career Information Including:
  - Bridges Choices Explorer/Choices Planner
  - Books
  - Magazines
  - Reference Guides
- Military Information
- Videos related to Careers, Colleges, Job Search, etc
- Registration Packets:
  - SAT/ACT, etc
- Catalogs:
  - Community Colleges & Universities
- Applications to Post-Secondary Institutions
- Assistance with completing the FAFSA for financial aid
- Scholarship Application information

See your high school’s Career Information Specialist today! They can help you and your parents begin the planning process for post-secondary training whether you choose on-the-job training, certification, apprenticeship training, military, 2-year college or 4-year institution and beyond.
Fine Arts

VISUAL ARTS

ART I
AHS, CHS, PDHS, THS 2235
GRADE: 10-12 CREDIT: 1
PR: Art II (2235) 

ART APPRECIATION—ART I ONLINE (fee required)
AACS 2235ae
GRADE: 9-12 CREDIT: 1
PR: None  The elements and principles of art will be studied through a variety of techniques and media. This course is the prerequisite to all other art classes. (SOURCE: West Texas A&M University)

ART II—DRAWING
AHS, CHS, PDHS, THS 2256
GRADE: 10-12 CREDIT: 1
PR: Art I (2235)  This is a course for the entry-level art student. It will be based on the fundamental elements and principles of art. Students will be involved in various techniques of drawing, art history, and application of drawing skills in other art areas.

ART III—DRAWING
AHS, CHS, PDHS, THS 2259
GRADE: 11-12 CREDIT: 1
PR: Art III—Drawing (2256)  Students will continue with a more intensive study of media, techniques, art history, and application of drawing skills in other art areas.

ART II—PAINTING
AHS, CHS, PDHS, THS 2264
GRADE: 10-12 CREDIT: 1
PR: Art I (2235)  This course will be designed for the art major. Course guidelines are established for the introductory study of the elements and principles of art in painting. Participation in class activities is required.

ART III—PAINTING
AHS, CHS, PDHS, THS 2267
GRADE: 11-12 CREDIT: 1
PR: Art II—Painting (2264)  Students will develop a more individualized study in painting.

ART II—CERAMICS
AHS, CHS, PDHS, THS 2272
GRADE: 10-12 CREDIT: 1
PR: Art I (2235)  This course includes an introduction to ceramics through a study of its history, design, vocabulary, and construction techniques.

ART III—CERAMICS
AHS, CHS, PDHS, THS 2275
GRADE: 11-12 CREDIT: 1
PR: Art II—Ceramics (2272)  Skills taught in Art II Ceramics will be continued with a more intensive study of ceramic techniques and history.

ART II—JEWELRY
AHS, PDHS, THS 2290
GRADE: 10-12 CREDIT: 1
PR: Art II (2235)  A variety of jewelry-making techniques and materials will be explored.

ART III—JEWELRY
AHS, PDHS, THS 2293
GRADE: 11-12 CREDIT: 1
PR: Art II—Jewelry (2290)  The study of jewelry will continue in the second-year course with a more intensive study of fabricated jewelry.

ART II—ELECTRONIC MEDIA
AHS, CHS, PDHS, THS 2300
GRADE: 10-12 CREDIT: 1
PR: Art II (2235)  This is a course in computer-generated art and animation. Students will learn print and animation software, formatting basics, necessary computer skills for intensive memory application, and importing and exporting between programs. Students will also learn to use peripheral devices such as a scanner, digital camera, digital drawing tablets, and large format printers.

ART III—ELECTRONIC MEDIA
AHS, CHS, PDHS, THS 2303
GRADE: 11-12 CREDIT: 1
PR: Art II—Electronic Media (2300)  Students will continue with the teacher to plan and develop a portfolio and participate in a program designed for the art major.

ART IV—ART—ELECTRONIC MEDIA
AHS, PDHS, THS 2322
GRADE: 12 CREDIT: 1
PR: Art III—Electronic Media (2303)  This course is designed for the student who is considering a career in computer-generated art and animation. Students will develop skills in computer-generated print art and animation.

DIGITAL GRAPHICS/ANIMATION
AHS, CHS, PDHS 2307
GRADE: 10-12 CREDIT: 1
PR: Art I (2235)  This is a course in computer-generated art and animation. Students will learn about graphic design and illustration with a focus on fundamental elements and principles of visual art and design. (SOURCE: University of Phoenix)

PERFORMING ARTS

CHOIR I
AHS, CHS, PDHS, THS 2381
GRADE: 9-12 CREDIT: 1
PR: none  Each student who signs up for choir will be placed in an ensemble by the choir director. Specific groups will vary from campus to campus and may include Entry-level Choir, Pre-Advanced Choir, Advanced Choir, Women’s Choir, and Men’s Choir. Entry-level choir is primarily for freshman and first-year choir students. Advancement into other choirs will be up to the director, based on a skills assessment examination of each student.

CHOIR II
AHS, CHS, PDHS, THS 2382
GRADE: 10-12 CREDIT: 1
PR: Choir I

CHOIR III
AHS, CHS, PDHS, THS 2383
GRADE: 11-12 CREDIT: 1
PR: Choir II

SHOW CHOIR I
AHS, CHS, PDHS, THS 2466
GRADE: 9-12 CREDIT: 1
PR: current enrollment in choir
PERFORMING ARTS

Band/Orchestra

BAND I
AHS, CHS, PDHS, THS 2561
GRADE: 9-12 CREDIT: 1
PR: None

BAND II
AHS, CHS, PDHS, THS 2562
GRADE: 10-12 CREDIT: 1
PR: Band I (2561)

BAND III
AHS, CHS, PDHS, THS 2563
GRADE: 11-12 CREDIT: 1
PR: Band II (2562)

JAZZ ENSEMBLE I
AHS 2638
GRADE: 9-12 CREDIT: 1
PR: Current enrollment in band or orchestra

JAZZ ENSEMBLE II
AHS 2641
GRADE: 10-12 CREDIT: 1
PR: Current enrollment in band or orchestra

JAZZ ENSEMBLE III
AHS 2644
GRADE: 11-12 CREDIT: 1
PR: Current enrollment in band or orchestra

JAZZ ENSEMBLE IV
AHS 2647
GRADE: 12 CREDIT: 1
PR: Current enrollment in band or orchestra

ORCHESTRA I
AHS, CHS, PDHS, THS 2835
GRADE: 9-12 CREDIT: 1
PR: None

ORCHESTRA II
AHS, CHS, PDHS, THS 2838
GRADE: 10-12 CREDIT: 1
PR: Orchestra I (2835)

ORCHESTRA III
AHS, CHS, PDHS, THS 2841
GRADE: 11-12 CREDIT: 1
PR: Orchestra II (2838)

ORCHESTRA IV
AHS, CHS, PDHS, THS 2844
GRADE: 12 CREDIT: 1
PR: Orchestra III (2841)

PERFORMING ARTS

Theatre

THEATRE ARTS I
AHS, CHS, PDHS, THS 3021
GRADE: 9-12 CREDIT: 1
PR: None

THEATRE ARTS II
AHS, CHS, PDHS, THS 3026
GRADE: 10-12 CREDIT: 1
PR: Theatre Arts I (3021)

THEATRE ARTS III
AHS, CHS, PDHS, THS 3034
GRADE: 11-12 CREDIT: 1
PR: Theatre Arts II (3026)

THEATRE ARTS IV
AHS, CHS, PDHS, THS 3042
GRADE: 12 CREDIT: 1
PR: Theatre Arts III (3034)

THEATRE PRODUCTION I
AHS, CHS, PDHS, THS 3047
GRADE: 9-12 CREDIT: 1
PR: Theatre Arts I (3021)

THEATRE PRODUCTION II
AHS, CHS, PDHS, THS 3052
GRADE: 10-12 CREDIT: 1
PR: Theatre Production I, audition required

THEATRE PRODUCTION III
AHS, CHS, PDHS, THS 3057
GRADE: 11-12 CREDIT: 1
PR: Theatre Production II, audition required

THEATRE PRODUCTION IV
AHS, CHS, PDHS, THS 3062
GRADE: 12 CREDIT: 1
PR: Theatre Production III, audition required

TECHNICAL THEATRE I
AHS, CHS, PDHS, THS 3067
GRADE: 9-12 CREDIT: 1
PR: Theatre Arts I (3021), audition required

TECHNICAL THEATRE II
AHS, CHS, PDHS, THS 3072
GRADE: 10-12 CREDIT: 1
PR: Technical Theatre I, audition required

TECHNICAL THEATRE III
AHS, CHS, PDHS, THS 3073
GRADE: 11-12 CREDIT: 1
PR: Technical Theatre II, audition required

TECHNICAL THEATRE IV
AHS, CHS, PDHS, THS 3074
GRADE: 12 CREDIT: 1
PR: Technical Theatre III, audition required

JOURNALISM

JOURNALISM I
AHS, CHS, PDHS, THS 1921
GRADE: 9-12 CREDIT: 1
PR: None

ADVANCED JOURNALISM–YEARBOOK I
AHS, CHS, PDHS, THS 1924
GRADE: 10-12 CREDIT: 1
PR: Journalism I (1921)

ADVANCED JOURNALISM–YEARBOOK II
AHS, CHS, PDHS, THS 1930
GRADE: 11-12 CREDIT: 1
PR: Advanced Journalism I (1924)

TECHNICAL THEATRE I
AHS, CHS, PDHS, THS 3067
GRADE: 9-12 CREDIT: 1
PR: Theatre Arts I (3021), audition required

TECHNICAL THEATRE II
AHS, CHS, PDHS, THS 3072
GRADE: 10-12 CREDIT: 1
PR: Technical Theatre I, audition required
ADVANCED JOURNALISM
YEARBOOK III
AHS, CHS, PDHS, THS 1936
GRADE: 12 CREDIT: 1
PR: Advanced Journalism II (1930) An advanced course in yearbook production reserved for editors and third-year staff members.

ADVANCED JOURNALISM
NEWSPAPER I
AHS, CHS, PDHS, THS 1927
GRADE: 10-12 CREDIT: 1
PR: Journalism I (1921) Elements and processes used in producing a school newspaper will be the emphasis of this course. Practical experience will include in-depth reporting, advertising campaign, layout design, computer use, photography, captions and headline writing, using and designing graphics, interviewing, editing and proofreading copy of pages and entire issues. Students will work as a team using organizational and research skills to meet deadlines while producing a newspaper.

ADVANCED JOURNALISM
NEWSPAPER II
AHS, CHS, PDHS, THS 1933
GRADE: 11-12 CREDIT: 1
PR: Advanced Journalism I (1927) An advanced course in newspaper production reserved for editors and second-year staff members.

ADVANCED JOURNALISM
NEWSPAPER III
AHS, CHS, THS 1939
GRADE: 12 CREDIT: 1
PR: Advanced Journalism II (1933) An advanced course in newspaper production reserved for editors and third-year staff members.

PHOTO JOURNALISM
AHS 1938
GRADE: 10-12 CREDIT: ½
PR: None This course is designed to acquaint students with the world around them through the eyes of the camera. Students will learn the basics of photography, including the history of the medium, camera basics, photo composition, capturing images on film, film development and print processing. Students will learn to plan and prepare photos for publication, including events and activities around their school, using commonly applied journalistic principles, acceptable cropping values and outline composition.

BROADCAST JOURNALISM II
PDHS 2076
GRADE: 10-12 CREDIT: 1
PR: Broadcast Journalism I (2074) This course provides an opportunity for students to apply the knowledge they learned in Broadcast Journalism II. Students will get hands-on experience creating various types of television programs including interviews, music videos, and news.

BROADCAST JOURNALISM III
PDHS 2077
GRADE: 11-12 CREDIT: 1
PR: Broadcast Journalism II (2076) This course provides an opportunity for students to apply the knowledge they learned in Broadcast Journalism II. Students will get hands-on experience creating various types of television programs including interviews, music videos, and news.

INDEPENDENT STUDY IN JOURNALISM
AHS, CHS, THS 1942
GRADE: 11-12 CREDIT: 1
PR: Students will explore written and spoken communication in a variety of forms. Students will explore issues surrounding the publication of newspapers and yearbooks, including libel, sensationalism, constitutional freedoms of expression, including, but not limited to written, spoken and photographic media, and the obligation to respond responsibly to journalistic challenges facing student journalists.

DANCE
DANCE I
AHS, CHS, PDHS, THS 2325
GRADE: 9-12 CREDIT: 1
(Additional PE credit for AHS and CHS)
PR: None Students will acquire a comprehensive knowledge of dance as an art form as well as develop an awareness of body movement, anatomy, and fitness while participating in a variety of dance styles.

DANCE II
AHS, CHS, PDHS, THS 2326
GRADE: 10-12 CREDIT: 1
PR: 2325 Students will further their study and skill acquisition in Dance II. Choreography and performance will be emphasized.

DANCE III
AHS, CHS, PDHS, THS 2327
GRADE: 11-12 CREDIT: 1
PR: 2326 Students will further their study and skill acquisition in Dance III. Choreography and performance will be emphasized.

SPEECH and DEBATE
PROFESSIONAL COMMUNICATIONS
AHS, CHS, PDHS, THS 0221
GRADE: 9-12 CREDIT: ½
PR: None This course focuses on developing students’ abilities in communication process, verbal and nonverbal messages, interpersonal and group communication, listening, critical thinking, problem solving and improving communication skills in professional and social settings. (This course must be taken to meet the speech requirement for graduation).

PUBLIC SPEAKING I
CHS 2029
GRADE: 9-12 CREDIT: ½, 1
PR: None Public Speaking deals with the art of effective communication. Students will learn the methods of topic selection, organization of materials and ideas, research skills, and presentation. Practical exercises include language selection, delivery skills, listening skills, and evaluation skills. Individual performances are required.

PUBLIC SPEAKING II
CHS 2032
GRADE: 10-12 CREDIT: 1
PR: Public Speaking I (2029)

PUBLIC SPEAKING III
CHS 2035
GRADE: 11-12 CREDIT: 1
PR: Public Speaking II (2032)

DEBATE I
AHS, CHS, THS 2040
GRADE: 9-12 CREDIT: 1
PR: None Debate I, II, and III provide students the opportunity to learn the specific formats and forum for debate, processes of logical and critical thinking, research, and written briefings for affirmative and negative arguments in outline form. The student will also learn resolution interpretation, affirmation and negative case construction, listening skills for questioning techniques, listening accuracy, witness obligations, and carrying through in argumentation. The student will demonstrate the accrued abilities of reading, writing, listening, speaking, and analyzing through competitive tournament debating. Tournament competition is required.

DEBATE II
AHS, CHS, THS 2043
GRADE: 10-12 CREDIT: 1/2, 1
PR: Debate I (2040) See description under Debate I.

DEBATE III
AHS, CHS, THS 2046
GRADE: 11-12 CREDIT: 1/2, 1
PR: Debate II (2043) See description under Debate I.

ORAL INTERPRETATION I
AHS, CHS, THS 2051
GRADE: 9-12 CREDIT: ½, 1
PR: None Oral Interpretation I, II, and III involve the study and application of principles of interpretation. Students will be involved in the process of interpreting literary intent, and performance techniques. Tournament competition is required at all levels.

ORAL INTERPRETATION II
AHS, CHS, THS 2054
GRADE: 10-12 CREDIT: ½, 1
PR: Oral Interpretation I (2051) See description under Oral Interpretation I.

ORAL INTERPRETATION III
AHS, CHS, THS 2057
GRADE: 11-12 CREDIT: ½, 1
PR: Oral Interpretation II (2054) See description under Oral Interpretation I.
In addition to credit for NJROTC classes, cadets are encouraged to participate in many activities: Drill Teams, Color Guards, Academic Teams, and Air Rifle and Air Pistol Teams—most of these activities provide the opportunity to earn a Varsity Letter. This program provides alternatives for cadets who may not be interested in other varsity sports. The only way to participate in most of these activities is through the NJROTC program.
AACAL Course Offerings

AACAL courses at the freshmen and sophomore levels are focused on exploration and investigation in the career fields related to each specialty program. Freshman and sophomore students who wish to attend AACAL must be passing their core subjects (math, science, English and social studies) during the current and preceding semesters. Admission to the upper level specialty program courses will be on a competitive basis. Students who decide to continue in the four-year coherent sequence of courses will apply for admission in the spring semester of their sophomore year to the specialty program of their choice. All students who attend AACAL must select a specialty course from the following specialty program lists. In addition, the appropriate math or science course should be taken in conjunction with the selected specialty course.

The courses listed below will be offered if the number of students who register in each course warrants, and if teacher allotments are available. Please confer with your high school counselor regarding the application process to AACAL, call (806) 326-2800 or visit AACAL’s website at www.amaisd.org/AACAL for more information. In some cases, students who apply to attend AACAL from area schools (non-AISD) will be required to pay a tuition fee for each course. **NOTE:** To be eligible for dual credit classes, students must be a junior or senior, have an overall B average and take applicable Amarillo College placement tests prior to enrolling at Amarillo College. Registration fee required.

### Specialty Program Courses

#### Animal Science Course Selections

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credit</th>
<th>Grade</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0102c</td>
<td>Small Animal Care Management</td>
<td>1</td>
<td>9—10</td>
<td>IPC, Biology or Biology P-AP (may be taken concurrently)</td>
</tr>
<tr>
<td>0104c</td>
<td>Veterinary Medical Applications</td>
<td>1</td>
<td>10—12</td>
<td>Biology or Biology P-AP (may be taken concurrently)</td>
</tr>
<tr>
<td>0105c</td>
<td>Advanced Animal Science</td>
<td>1</td>
<td>11—12</td>
<td>Application required</td>
</tr>
<tr>
<td>0962c/0963c</td>
<td>PRO Senior Internship</td>
<td>2</td>
<td>12</td>
<td>Application required</td>
</tr>
</tbody>
</table>

#### Automotive Technology Course Selections

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credit</th>
<th>Grade</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0858c</td>
<td>Small Engine Technology</td>
<td>1</td>
<td>9—10</td>
<td>None</td>
</tr>
<tr>
<td>0851c</td>
<td>Energy, Power &amp; Transportation Systems</td>
<td>1</td>
<td>10—12</td>
<td>None</td>
</tr>
<tr>
<td>0854c</td>
<td>Automotive Technology</td>
<td>2</td>
<td>11—12</td>
<td>Application required</td>
</tr>
<tr>
<td>0855c</td>
<td>Advanced Automotive Technology</td>
<td>2</td>
<td>12</td>
<td>Application required</td>
</tr>
</tbody>
</table>
### AACAL Course Offerings

#### Graphic Design Course Selections

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credit</th>
<th>Grade</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0200c</td>
<td>Principles of Arts, AV Technology &amp; Communications</td>
<td>1</td>
<td>9-10</td>
<td>None</td>
</tr>
<tr>
<td>0207c</td>
<td>Graphic Design &amp; Illustration</td>
<td>1</td>
<td>10-12</td>
<td>Principles of Arts, AV Technology</td>
</tr>
<tr>
<td>0208c</td>
<td>Advanced Graphic Design &amp; Illustration</td>
<td>2</td>
<td>11-12</td>
<td>Application required</td>
</tr>
<tr>
<td>0962c, 0963c</td>
<td>PRO Senior Internship</td>
<td>2</td>
<td>12</td>
<td>Application required</td>
</tr>
</tbody>
</table>

#### Engineering Course Selections

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credit</th>
<th>Grade</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0816c</td>
<td>Introduction to Engineering Design</td>
<td>1</td>
<td>9-10</td>
<td>Algebra I (may be taken concurrently)</td>
</tr>
<tr>
<td>0817c</td>
<td>Principles of Engineering</td>
<td>1</td>
<td>10-12</td>
<td>Algebra I</td>
</tr>
</tbody>
</table>
| 0821c, 0819c | Civil Engineering  
Or Aerospace Engineering | 1      | 11-12 | Application required                |
| 0823c, 0962c | Engineering Design & Development  
PRO Senior Internship | 1      | 12    | Application required                |

#### Health Science Technology Course Selections

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credit</th>
<th>Grade</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0450c</td>
<td>Principles of Health Science</td>
<td>1</td>
<td>9-10</td>
<td>Algebra I (may be taken concurrently)</td>
</tr>
<tr>
<td>0452c</td>
<td>Health Science</td>
<td>1</td>
<td>10-12</td>
<td>Algebra I</td>
</tr>
</tbody>
</table>
| 0453c, 0455c | Practicum in Health Science  
I and Anatomy & Physiology | 2      | 11-12 | Application Required                |
| 0454c    | Practicum in Health Science II                   | 2      | 12    | Application required                |
### AACAL Course Offerings

#### Additional Core Subject Course Selections for all Specialties

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credit</th>
<th>Grade</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>4350c</td>
<td>Biology</td>
<td>1</td>
<td>9—12</td>
<td>Science 8</td>
</tr>
<tr>
<td>4351c</td>
<td>Biology Pre-AP</td>
<td>1</td>
<td>9—12</td>
<td>Science 8 and Algebra I</td>
</tr>
<tr>
<td>4361c</td>
<td>Biology AP</td>
<td>1</td>
<td>9—12</td>
<td>Biology or Biology Pre-AP &amp; Chemistry or Chemistry Pre-AP</td>
</tr>
<tr>
<td>4370c</td>
<td>Chemistry</td>
<td>1</td>
<td>10—12</td>
<td>Algebra I or Algebra Pre-AP</td>
</tr>
<tr>
<td>4371c</td>
<td>Chemistry Pre-AP</td>
<td>1</td>
<td>10—12</td>
<td>Algebra I or Algebra Pre-AP &amp; 4340 or 4351 Pre-AP</td>
</tr>
<tr>
<td>4390c</td>
<td>Physics</td>
<td>1</td>
<td>11—12</td>
<td>Algebra II or Algebra II Pre-AP</td>
</tr>
<tr>
<td>4391c</td>
<td>Physics P-AP</td>
<td>1</td>
<td>11—12</td>
<td>Algebra II P-AP</td>
</tr>
<tr>
<td>4400c</td>
<td>Physics B-AP (Dual Credit)</td>
<td>1</td>
<td>11—12</td>
<td>Pre-calculus; Physics 4391 is strongly recommended</td>
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<td>4070c</td>
<td>Algebra I</td>
<td>1</td>
<td>9</td>
<td>Math 8</td>
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<td>Geometry</td>
<td>1</td>
<td>9—12</td>
<td>Algebra I or Algebra Pre-AP</td>
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<td>4093c</td>
<td>Geometry Pre-AP</td>
<td>1</td>
<td>9—12</td>
<td>Algebra I or Algebra Pre-AP</td>
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<tr>
<td>4080c</td>
<td>Algebra II</td>
<td>1</td>
<td>10—12</td>
<td>Algebra I or Algebra Pre-AP</td>
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<tr>
<td>4081c</td>
<td>Algebra II Pre-AP</td>
<td>1</td>
<td>10—12</td>
<td>Algebra I or Algebra Pre-AP</td>
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<tr>
<td>4141c</td>
<td>Mathematical Models with Applications</td>
<td>1</td>
<td>11—12</td>
<td>Algebra I</td>
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<tr>
<td>4101c</td>
<td>Pre-Calculus Pre-AP (Dual Credit)</td>
<td>1</td>
<td>11—12</td>
<td>Algebra II or Algebra II Pre-AP</td>
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<tr>
<td>4100c</td>
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<td>1</td>
<td>11—12</td>
<td>Algebra II or Algebra II Pre-AP</td>
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<tr>
<td>4110c</td>
<td>Calculus AB-AP</td>
<td>1</td>
<td>12</td>
<td>Pre-Calculus or Pre-Calculus Pre-AP</td>
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ANIMAL SCIENCE
SPECIALTY COURSES

SMALL ANIMAL MANAGEMENT 0102c
GRADE: 9—10 CREDIT: 1
PR: none
Students acquire knowledge and skills related to animal systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Suggested small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats.

VETERINARY MEDICAL APPLICATIONS 0104c
GRADE: 10—12 CREDIT: 1
PR: 0102c
Students acquire technical knowledge and skills related to animal systems and the workplace and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Topics covered in this course include, but are not limited to, veterinary practices as they relate to both large and small animal species.

ADVANCED ANIMAL SCIENCE 0105c
GRADE: 11—12 CREDIT: 1
PR: 0104c, application required
Students acquire knowledge and skills related to animal systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. (This course may satisfy the fourth science requirement if successfully completed biology, chemistry, and physics or concurrently enrolled in physics.)

PROBLEMS & SOLUTIONS I & II
(PRO SENIOR INTERNSHIP) 0962c/0963c
GRADE: 12 CREDIT: 2
PR: 0105c, application required
This non-paid worksite experience will provide extensive exposure in student selected animal science fields. This course offers emphasis on topics such as veterinary management, structure, marketing, scientific research, personal skills development, and career pathway design. This is a two-hour block INTERNSHIP course that is offered in the fall semester (0962c) and spring semester (0963c). Students must provide their own transportation.

AUTOMOTIVE TECHNOLOGY
SPECIALTY COURSES

SMALL ENGINE TECHNOLOGY 0858c
GRADE: 9—10 CREDIT: 1
PR: none
This class is designed to familiarize the student with the introductory skills and basic understanding of career opportunities and training requirements in the small engines and automotive services fields. The class also consists of a hands-on small engine repair lab where students tear down and rebuild Briggs & Stratton engines.

ENERGY, POWER & TRANSPORTATION SYSTEMS 0851c
GRADE: 10—12 CREDIT: 1
PR: none
A hands-on course in which students will learn to understand the interaction among various automotive systems. Students will also be provided an in-depth study on automotive engine repair.

AUTOMOTIVE TECHNOLOGY 0854c
GRADE: 11—12 CREDIT: 2
PR: Application required
Students learn basic automotive repair in a laboratory setting. Areas of instruction include engine repair, suspension and steering, brakes, and engine performance. Transportation is provided to and from AACAL.

ADVANCED AUTOMOTIVE TECHNOLOGY 0855c
GRADE: 12 CREDIT: 2
PR: 0854c
Advanced course providing in-depth study and preparation for the Automotive Industry Certification (ASE). Students will gain extensive worksite experience during weekly internship opportunities at various automotive businesses. Students must have their own transportation.

GRAPHIC DESIGN
SPECIALTY COURSES

PRINCIPLES OF ARTS, AUDIO/VIDEO & COMMUNICATIONS 0200c
GRADE: 9—10 CREDIT: 1
PR: none
Careers in graphic design and illustration require a background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills and educational requirements for those opportunities.

ENGINEERING
SPECIALTY COURSES
(PROJECT LEAD THE WAY)

INTRODUCTION TO ENGINEERING 0816c
GRADE: 9-10 CREDIT: 1
PR: Algebra I, may be taken concurrently
Introduction to Engineering Design is a course that teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and
AACAL Course Offerings

PRINCIPLES OF ENGINEERING 0817c
GRADE: 10–12 CREDIT: 1
PR: Algebra I
Students gain understanding in the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science, and technology in an engineering problem-solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

AEROSPACE ENGINEERING 0819c
GRADE: 11–12 CREDIT: 1
PR: 0817c, Algebra II may be taken concurrently, application required
Aerospace Engineering engages students in engineering design problems related to aerospace information systems, astronautics, rocketry, propulsion, the physics of space science, space life sciences, the biology of space science, principles of aeronautics, structures and materials, and systems engineering. Using 3-D design software, students work in teams utilizing hands-on activities, projects, and problems, and are exposed to various situations encountered by aerospace engineers.

CIVIL ENGINEERING 0821c
GRADE: 11–12 CREDIT: 1
PR: 0817c, Algebra II may be taken concurrently, application required
Students learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3-D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects.

ENGINEERING DESIGN AND DEVELOPMENT 0823c
GRADE: 12 CREDIT: 1
PR: 0817c, 0819c, or 0821c, application required
Teams of students guided by community mentors, work together to research, design, and construct solutions to engineering problems. This course is a non-paid internship which provides extensive exposure and worksite experience in student selected engineering fields. Individualized research is presented utilizing a variety of technology sources and methods. Students must be concurrently enrolled in the PRO Senior Internship course (0962c) and must provide their own transportation.

HEALTH SCIENCE SPECIALTY COURSES

PRINCIPLES OF HEALTH SCIENCE 0450c
GRADE: 9 – 10 CREDIT: 1
PR: Algebra I, may be taken concurrently
This is the introductory course in the health science program. This course includes general anatomy and physiology, medical ethics, legal issues, and medical terminology. Medical Skills such as vital signs, asepsis, and community first aid and safety are also practiced. NOTE: This course is an approved substitute for the required Health course when taken for the full year.

HEALTH SCIENCE 0452c
GRADE: 10—12 CREDIT: 1
PR: Algebra I
Health Science is the second level of the health science program. This 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, skill development in a laboratory setting, and career preparation.

PRACTICUM IN HEALTH SCIENCE I 0453c
GRADE: 11—12 CREDIT: 2
PR: 0452c, concurrent enrollment in 0455c, and application required
In the third level of the health science program, students will study advanced skills in the healthcare field. This course takes place at local medical facilities. Students are required to take Anatomy and Physiology of Human Systems (0455c) concurrently. This course is a 3 hour class (Two credits in 0453c and one credit in 0455c). Students must provide their own transportation, be current on all healthcare facility immunization requirements, and pass background requirements. Documentation is required within first week of school. Fees incurred.

ANATOMY AND PHYSIOLOGY 0455c
GRADE: 11—12 CREDIT: 1
PR: concurrent enrollment in 0453c
Students will study a variety of topics including the structural makeup of the human body and the manner in which those structures function and interact with one another. Students are required to take Practicum in Health Science I (0453c) concurrently. (This course may satisfy the fourth science requirement if successfully completed biology, chemistry, and physics or concurrently enrolled in physics.)
PRINCIPLES OF ARCHITECTURE & CONSTRUCTION 0150
GRADE: 9—10 CREDIT: 1/2
PR: none
This course provides an overview of the various fields of architecture, interior design, construction science and construction technology.

INTERIOR DESIGN 0151
GRADE: 10—12 CREDIT: 1
PR: 0150 or Algebra I recommended
Students are introduced to, plan, and evaluate the design of interior and exterior styles of buildings, create floor plan arrangements, and discover factors influencing housing choices (e.g. renting vs. buying).

ARCHITECTURAL DESIGN 0155
GRADE: 10—12 CREDIT: 1
PR: Algebra I and 0150 recommended
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, and landscape architecture. This course 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.

ADVANCED ARCHITECTURAL DESIGN 0156
GRADE: 11—12 CREDIT: 2
PR: 0155
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, and landscape architecture. This course 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.

PRINCIPLES OF ARTS, AUDIO/VIDEO AND COMMUNICATIONS 0200
GRADE: 9—10 CREDIT: 1/2
PR: none
Introduce students to careers in the Arts, Audio/Video Technology and Communications career cluster. Students will have hands-on opportunities with software and equipment used in industry. Students learn the basics of equipment operation, lighting and audio for visual storytelling. Students will work independently and in groups to complete audio/video productions.

AUDIO/VIDEO PRODUCTION 0203
GRADE: 10—12 CREDIT: 1
PR: 0200 recommended
Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Students develop an understanding of the industry with a focus on pre-production, production and post-production audio and video activities. Students work with video recorders, audio systems, lighting systems, field cameras and tripods, editing systems, and the operation of computer animation software to create function animations. Students get hands-on practice working in multimedia and digital video environments.

ANIMATION 0201
GRADE: 11—12 CREDIT: 1
PR: 0203
Students will further their knowledge and skills acquired in audio/video production. Students will work both individually and collaboratively to develop professional quality video productions such as commercials, news stories, and other student interest topics.

ADVANCED AUDIO/VIDEO PRODUCTION 0204
GRADE: 11—12 CREDIT: 2
PR: 0203
This course provides experience in advanced-level production processes. It covers set-up and operation of studio equipment, gives practical experience as camera operator, audio technician, producer, anchor, and other crew members for designated productions. Topics include writing scripts and creating graphics, staging, camera work, and directing interviews, demonstrations, and commercials. Students learn to work effectively as production team members.

PRINCIPLES OF BUSINESS, MARKETING, & FINANCE 0262
GRADE: 9—10 CREDIT: 1/2
PR: none
Students are introduced to knowledge and skills of economics and private enterprise systems, impact of global business, marketing of goods/services, advertising, and product pricing. Students analyze the sales process and financial management principles.

TOUCH SYSTEM DATA ENTRY 0251, 0251y
GRADE: 9—12 CREDIT: 1/2
PR: none
Students will apply proper keyboarding techniques to create personal and business letters, reports and outlines after learning all key positions. The students will develop the ability to proofread and edit and demonstrate proficiency in business English and spelling. Students will also improve speed and accuracy in keyboarding skill.

DOLLARS & SENSE 0551
GRADE: 10—12 CREDIT: 1/2
PR: none
This course focuses on the foundations of personal finance in which students will learn about debt and credit, managing their money and different types of investment options within the workplace.

BUSINESS INFORMATION MANAGEMENT I DUAL CREDIT (BIM-DC) 0250
GRADE: 11-12 CREDIT: 1
PR: 0251
BIM dual credit will focus on understanding and using various business software applications including word processing, spreadsheets, databases, presentation graphics and other miscellaneous business applications. As with other dual credit courses, there is a fee associated with this online AC course. See your counselor for additional information.

BUSINESS MANAGEMENT 0259
GRADE: 10—12 CREDIT: 1
PR: 0262 recommended
Students develop a foundation in the ability to look at the economy for cues on business trends, examine financial documents as well as prepare these documents, look to technological advancements in order to broaden and
Career & Technical Education
Amarillo High School Course Offerings

enhance their business output, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge including legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate management decisions.

ENTREPRENEURSHIP 0752
GRADE: 11—12  CREDIT: 1
PR: 0262 recommended
Focuses on the options for business ownership, steps for starting a business, sources of information and technical assistance, types of business plans, qualities of an entrepreneur, the importance of entrepreneurs, and the advantages and disadvantages of owning one’s own business.

ACCOUNTING I 0354
GRADE: 10—12  CREDIT: 1
PR: 0262 recommended
Students investigate the field of accounting by learning the 9 steps of the accounting cycle for a sole proprietorship and for a merchandising corporation. Concepts are practiced by completing manual and computer problems.

ACCOUNTING II 0355
GRADE: 11—12  CREDIT: 1
PR: 0354
Students continue the investigation of the field of accounting including the many factors that impact the industry standards. Students also engage in managerial and cost accounting activities where they formulate and interpret financial information for use in management decision making.

PRINCIPLES OF INFORMATION TECHNOLOGY 0600
GRADE: 9—10  CREDIT: 1/2
PR: none
This course will introduce students to careers in the Information Technology cluster. Students will apply computer skills using a variety of software applications and technologies.

WEB TECHNOLOGIES 0607
GRADE: 11—12  CREDIT: 1
PR: 0606 or 0200 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 will explore the worldwide web, create web sites and use a variety of application software to create and edit images and animation.

PRINCIPLES OF EDUCATION AND TRAINING 0300
GRADE: 9—10  CREDIT: 1/2
PR: none
This course introduces students to the various careers within the education and training cluster. Students will gain an understanding of the basic knowledge and skills essential to careers within the education and training cluster.

HUMAN GROWTH AND DEVELOPMENT 0301
GRADE: 10—12  CREDIT: 1
PR: 0300 recommended
This course examines the human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones.

CHILD DEVELOPMENT 0555
GRADE: 10—12  CREDIT: 1
PR: 0300 or 0550 recommended
This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING 0302
GRADE: 11—12  CREDIT: 2
PR: 0300 and 0555 recommended
A field-based internship which provides students background knowledge of child and adolescent development principles as well as principles of effective teaching practice; they work under the direction and supervision of career educators in direct instructional roles with elementary, middle, and/or high school aged students.

PRACTICUM IN EDUCATION & TRAINING I 0303
GRADE: 12  CREDIT: 2
PR: 0302
This course provides more in depth opportunities for students to interact with elementary children. Students are provided the opportunity to develop lesson plans and interact in the elementary classroom. Upon completion of the two year program, students will be eligible to obtain the Child Development Associate (CDA) credential.

AMERICORPS (Pract in Ed & Training II) 0304
GRADE: 12  CREDIT: 3
PR: Application required and age 17
A work based internship for students in the AmeriCorps Program, which provides students learning experience in child development while they work directly with young children and career elementary school teachers. During the course of each week, high school students are involved in instruction from the AmeriCorps teacher as well as involved in working in the elementary school with pupils from Grades 1-5.

PRINCIPLES OF HOSPITALITY AND TOURISM 0500
GRADE: 9—10  CREDIT: 1/2
PR: none
The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and 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.

CULINARY ARTS 0504
GRADE: 11—12  CREDIT: 2
PR: 0500 or 0502 recommended
The Culinary Arts program is designed to provide practical hospitality education and experience in the planning, preparation, presentation, and service of food products. This course is a laboratory based class which focuses on the art of cooking and the science of baking.
PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY 0650
GRADE: 9—10 CREDIT: 1/2
PR: none
This course is designed as a study of the history and philosophy of criminal justice and its ethical considerations. Crime is defined. Its nature and impact are explored. Instruction includes an overview of the criminal justice system, law enforcement and the court systems, a study of prosecution and defense, trial processes, and corrections and penal systems.

LAW ENFORCEMENT I 0651
GRADE: 10—12 CREDIT: 1
PR: 0650 recommended
This course is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

LAW ENFORCEMENT II 0652
GRADE: 11—12 CREDIT: 1
PR: 0651
This course expands upon the knowledge learned in Law Enforcement I.

CONCEPTS OF ENGINEERING AND TECHNOLOGY 0800
GRADE: 9—10 CREDIT: 1/2
PR: none
This course provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships.

ENGINEERING DESIGN & PRESENTATION 0803
GRADE: 10—12 CREDIT: 1
PR: 0800 recommended
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. Through implementation of the design process, students will transfer advanced academic skills to component designs.

ENGINEERING DESIGN & PROBLEM SOLVING 0812
GRADE: 11—12 CREDIT: 1
PR: 0803
This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions.

CAREER DEVELOPMENT

CAREER PREPARATION I 0960
GRADE: 11—12 CREDIT: 3
PR: Must provide own transportation
This course provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences. Students are taught employability skills, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Each student will have an individual training plan that addresses his/her job specific knowledge and skills. All students must follow the Texas Education Agency and Amarillo ISD guidelines.

CAREER PREPARATION II 0961
GRADE: 12 CREDIT: 3
PR: 0960
This course builds upon the knowledge and skills gained in Career Preparation I. Students must provide their own transportation. All students must follow the Texas Education Agency and Amarillo ISD guidelines.

PRO—SENIOR INTERNSHIP 0962 & 0963
GRADE: 1 CREDIT: 2
PR: Application required
PRO (Pursuing Real Opportunities) is a two period block class where student interns are matched with mentors who have a career in which the student has an interest. Employment skills and soft skills are studied in the classroom on Mondays and Fridays. Students also develop a research project on a topic related to their career interests. Student interns participate in their internships on Tuesdays, Wednesdays, and Thursdays with their mentor at their business site. Students must provide own transportation.
### Career & Technical Education

#### Caprock High School Course Offerings

**PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES** 0100  
**GRADE:** 9—10  
**CREDIT:** 1/2  
**PR:** none  
This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

**LIVESTOCK PRODUCTION** 0101  
**GRADE:** 10—12  
**CREDIT:** 1  
**PR:** 0100 recommended  
Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

**PRINCIPLES OF ARCHITECTURE & CONSTRUCTION** 0150  
**GRADE:** 9—10  
**CREDIT:** 1/2  
**PR:** none  
This course provides an overview of the various fields of architecture, interior design, construction science and construction technology.

**INTERIOR DESIGN** 0151  
**GRADE:** 10—12  
**CREDIT:** 1  
**PR:** 0150 or Algebra I recommended  
Students are introduced to, plan, and evaluate the design of interior and exterior styles of buildings, create floor plan arrangements, and discover factors influencing housing choices (e.g. renting vs. buying).

**ADVANCED INTERIOR DESIGN** 0152  
**GRADE:** 11—12  
**CREDIT:** 1  
**PR:** 0151  
This 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.

**ARCHITECTURAL DESIGN** 0155  
**GRADE:** 10—12  
**CREDIT:** 1  
**PR:** Algebra I and 0150 recommended  
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, and landscape architecture. This course 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.

**ADVANCED ARCHITECTURAL DESIGN** 0156  
**GRADE:** 11—12  
**CREDIT:** 2  
**PR:** 0155  
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, and landscape architecture. This course 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.

**CONSTRUCTION TECHNOLOGY** 0161  
**GRADE:** 10—12  
**CREDIT:** 1—2  
**PR:** 0150 recommended  
Students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

**ADVANCED CONSTRUCTION TECHNOLOGY** 0162  
**GRADE:** 11—12  
**CREDIT:** 2  
**PR:** 0161  
Students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. This course includes the knowledge of the design, techniques, and tools related to the management of architectural and engineering projects.

**ELECTRICAL TECHNOLOGY** 0166  
**GRADE:** 10—12  
**CREDIT:** 2  
**PR:** 0150 recommended  
Students will gain knowledge and skills related to those needed to enter the work force as an electrician or building maintenance supervisor or prepare for a postsecondary degree in construction. Students acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

**PRINCIPLES OF ARTS, AUDIO/VIDEO AND COMMUNICATIONS** 0200  
**GRADE:** 9—10  
**CREDIT:** 1/2  
**PR:** none  
Introduce students to careers in the Arts, Audio/Video Technology and Communications career cluster. Students will have hands-on opportunities with software and equipment used in industry. Students learn the basics of equipment operation, lighting and audio for visual storytelling. Students will work independently and in groups to complete audio/video productions.

**AUDIO/VIDEO PRODUCTION** 0203  
**GRADE:** 10—12  
**CREDIT:** 1  
**PR:** 0200 recommended  
Careers in audio and video technology and film production span all aspects of the audio/video
communications industry. Students develop an understanding of the industry with a focus on pre-production, production and post-production audio and video activities. Students work with video recorders, audio systems, lighting systems, field cameras and tripods, editing systems, and the operation of computer animation software to create function animations. Students get hands-on practice working in multimedia and digital video environments.

**ADVANCED AUDIO/VIDEO PRODUCTION 0204**  
**GRADE: 11—12**  
**CREDIT: 2**  
**PR: 0203**

This course provides experience in advanced-level production processes. It covers set-up and operation of studio equipment, gives practical experience as camera operator, audio technician, producer, anchor, and other crew members for designated productions. Topics include writing scripts and creating graphics, staging, camera work, and directing interviews, demonstrations, and commercials. Students learn to work effectively as production team members.

**PRINCIPLES OF BUSINESS, MARKETING, & FINANCE 0262**  
**GRADE: 9—10**  
**CREDIT: 1/2**  
**PR: none**

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

**TOUCH SYSTEM DATA ENTRY 0251, 0251y**  
**GRADE: 9—12**  
**CREDIT: 1/2**  
**PR: none**

Students will apply proper keyboarding techniques to create personal and business letters, reports and outlines after learning all key positions. The students will develop the ability to proofread and edit and demonstrate proficiency in business English and spelling. Students will also improve speed and accuracy in keyboarding skill.

**DOLLARS & SENSE 0551**  
**GRADE: 10—12**  
**CREDIT: 1/2**  
**PR: none**

This course focuses on the foundations of personal finance in which students will learn about debit and credit, managing their money and different types of investment options within the workplace.

**BUSINESS INFORMATION MANAGEMENT I (BIM I) 0252**  
**GRADE: 10—12**  
**CREDIT: 1**  
**PR: 0251 highly recommended**

Students build skills for successful transitions into the workplace, society and postsecondary education by applying technical skills to create documents, spreadsheets, databases, and electronic presentations using a variety of software applications.

**BUSINESS MANAGEMENT 0259**  
**GRADE: 10—12**  
**CREDIT: 1**  
**PR: 0262 recommended**

Students develop a foundation in the ability to look at the economy for cues on business trends, examine financial documents as well as prepare these documents, look to technological advancements in order to broaden and enhance their business output, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge including legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate management decisions.

**ENTREPRENEURSHIP 0752**  
**GRADE: 11—12**  
**CREDIT: 1**  
**PR: 0262 recommended**

Focuses on the options for business ownership, steps for starting a business, sources of information and technical assistance, types of business plans, qualities of an entrepreneur, the importance of entrepreneurs, and the advantages and disadvantages of owning one’s own business.

**SPORTS AND ENTERTAINMENT MARKETING 0754**  
**GRADE: 10—12**  
**CREDIT: 1**  
**PR: 0262 recommended**

The purpose of this course is to provide students with the fundamental principles and concepts identified with the sports and entertainment marketing industries and to develop critical-thinking and decision making skills through the application of marketing principles.

**ACCOUNTING I 0354**  
**GRADE: 10—12**  
**CREDIT: 1**  
**PR: 0262 recommended**

Students investigate the field of accounting by learning the 9 steps of the accounting cycle for a sole proprietorship and for a merchandising corporation. Concepts are practiced by completing manual and computer problems.

**PRINCIPLES OF INFORMATION TECHNOLOGY 0600**  
**GRADE: 9—10**  
**CREDIT: 1/2**  
**PR: none**

This course will introduce students to careers in the Information Technology cluster. Students will apply computer skills using a variety of software applications and technologies.

**DIGITAL AND INTERACTIVE MEDIA 0606**  
**GRADE: 10—12**  
**CREDIT: 1**  
**PR: 0600 or 0200 recommended**

Students will use a variety of application software to edit, create, manipulate, and animate images to complete a variety of projects that address customer needs and resolve a problem.

**WEB TECHNOLOGIES 0607**  
**GRADE: 11—12**  
**CREDIT: 1**  
**PR: 0606 or 0200 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 will explore the worldwide web, create web sites and use a variety of application software to create and edit images and animation.

**PRINCIPLES OF EDUCATION AND TRAINING 0300**  
**GRADE: 9—10**  
**CREDIT: 1/2**  
**PR: none**

This course introduces students to the various careers within the education and training cluster. Students will gain an understanding of the basic knowledge and skills essential to careers within the education and training cluster.
HUMAN GROWTH AND DEVELOPMENT 0301
GRADE: 10—12 CREDIT: 1
PR: 0300 recommended
This course examines the human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones.

CHILD DEVELOPMENT 0555
GRADE: 10—12 CREDIT: 1
PR: 0300 or 0550 recommended
This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING 0302
GRADE: 11—12 CREDIT: 2
PR: 0300 and 0555 recommended
A field-based internship which provides students background knowledge of child and adolescent development principles as well as principles of effective teaching practice; they work under the direction and supervision of career educators in direct instructional roles with elementary, middle, and/or high school aged students.

AMERICORPS (Pract in Ed & Training II) 0304
GRADE: 12 CREDIT: 3
PR: Application required and age 17
A work based internship for students in the AmeriCorps Program, which provides students learning experience in child development while they work directly with young children and career elementary school teachers. During the course of each week, high school students are involved in instruction from the AmeriCorps teacher as well as involved in working in the elementary school with pupils from Grades 1-5.

PRINCIPLES OF HOSPITALITY AND TOURISM 0500
GRADE: 9—10 CREDIT: 1/2
PR: none
The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and 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.

RESTAURANT MANAGEMENT 0502
GRADE: 10—12 CREDIT: 1/2
PR: 0500 recommended
This course will emphasize the principles of planning, organizing, staffing, directing and controlling the management of a variety of food service operations. This course will provide insight into the operation of a well-run restaurant.

CULINARY ARTS 0504
GRADE: 11—12 CREDIT: 2
PR: 0500 and 0502 recommended
The culinary arts program is designed to provide practical hospitality education and experience in the planning, preparation, presentation, and service of food products. This course is a laboratory based class which focuses on the art of cooking and the science of baking.

PRACTICUM IN CULINARY ARTS 0505
GRADE: 12 CREDIT: 2
PR: 0504
This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. This course is a continuation of Culinary Arts I.

PRECISION METAL MANUFACTURING 0703
GRADE: 11—12 CREDIT: 2
PR: Algebra I and 0700 recommended
This course introduces students to the machining industry and exposes them to basic machine tools such as the lathe, milling machine, drill press, power saw and bench grinder. (This course may be taken as dual credit.)

CONCEPTS OF ENGINEERING AND TECHNOLOGY 0800
GRADE: 9—10 CREDIT: 1/2
PR: none
This course provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships.

ELECTRONICS 0806
GRADE: 10—12 CREDIT: 1
PR: 0800 recommended
Students will learn the fundamentals of DC and AC circuits operation including Ohm’s Law, Kirchhoff’s Laws, networks, transformers, resonance, capacitive and inductive circuit analysis techniques.

ROBOTS AND AUTOMATION 0808
GRADE: 11—12 CREDIT: 1
PR: 0806 or 0800
Robots I is an introduction to Robots/Automation that includes history, terminology, classification of robots, basic components, control systems, alternating current and hydraulic servomechanisms, programming, sensors, type of drive, end-of-arm tooling, end effectors, safety and design procedures. The student will utilize a personal computer and/or a programmable logic controller (PLC) to program a robot to perform basic tasks; apply troubleshooting skills; and demonstrate effective teambuilding and communication skills.

CAREER DEVELOPMENT

CAREER PREPARATION I 0960
GRADE: 11—12 CREDIT: 3
PR: Must provide own transportation
This course provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences. Students are taught employability skills, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Each student will have an individual training plan that addresses his/her job specific knowledge and skills. All students must follow the Texas Education Agency and Amarillo ISD guidelines.

PRO—SENIOR INTERNSHIP 0962 & 0963
GRADE: 12 CREDIT: 2
PR: Application required
PRO (Pursuing Real Opportunities) is a two period block class where student interns are matched with mentors who have a career in which the student has an interest. Employment skills and soft skills are studied in the classroom on Mondays and Fridays. Students also develop a research project on a topic related to their career interests. Student interns participate in their internships on Tuesdays, Wednesdays, and Thursdays with their mentor at their business site. Students must provide own transportation.
Career & Technical Education
Palo Duro High School Course Offerings

PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES 0100
GRADE: 9—10 CREDIT: 1/2
PR: none
This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

PRINCIPLES OF ARCHITECTURE & CONSTRUCTION 0150
GRADE: 9—10 CREDIT: 1/2
PR: none
This course provides an overview of the various fields of architecture, interior design, construction science and construction technology.

BUILDING MAINTENANCE TECHNOLOGY 0164
GRADE: 10—12 CREDIT: 1
PR: 0130 recommended
This is a hands-on laboratory-based course in which students will gain knowledge and skills in the field of building maintenance.

ADVANCED BUILDING MAINTENANCE TECHNOLOGY 0165
GRADE: 11—12 CREDIT: 2
PR: 0164
This is an advanced level hands-on course in which students will gain knowledge and skills in the field of building maintenance through lab-based experiences.

DOLLARS & SENSE 0551
GRADE: 10—12 CREDIT: 1/2
PR: none
This course focuses on the foundations of personal finance in which students will learn about debt and credit, managing their money and different types of investment options within the workplace.

BUSINESS INFORMATION MANAGEMENT I (BIM I) 0252
GRADE: 10—12 CREDIT: 1
PR: 0251 highly recommended
Students build skills for successful transitions into the workplace, society and postsecondary education by applying technical skills to create documents, spreadsheets, databases, and electronic presentations using a variety of software applications.

BUSINESS INFORMATION MANAGEMENT I DUAL CREDIT (BIM-DC) 0250
GRADE: 11—12 CREDIT: 1
PR: 0251
BIM dual credit will focus on understanding and using various business software applications including word processing, spreadsheets, databases, presentation graphics and other miscellaneous business applications. As with other dual credit courses, there is a fee associated with this online AC course. See your counselor for additional information.

PRINCIPLES OF BUSINESS, MARKETING, & FINANCE 0262
GRADE: 9—10 CREDIT: 1/2
PR: none
Students are introduced to knowledge and skills of economics and private enterprise systems, impact of global business, marketing of goods/services, advertising, and product pricing. Students analyze the sales process and financial management principles.

TOUCH SYSTEM DATA ENTRY 0251, 0251y
GRADE: 9—12 CREDIT: 1/2
PR: none
Students will apply proper keyboarding techniques to create personal and business letters, reports and outlines after learning all key positions. The students will develop the ability to proofread and edit and demonstrate proficiency in business English and spelling. Students will also improve speed and accuracy in keyboarding skill.

BUSINESS MANAGEMENT 0259
GRADE: 10—12 CREDIT: 1
PR: 0262 recommended
Students develop a foundation in the ability to look at the economy for cues on business trends, examine financial documents as well as prepare these documents, look to technological advancements in order to broaden and enhance their business output, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge including legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate management decisions.

ENTREPRENEURSHIP 0752
GRADE: 11—12 CREDIT: 1
PR: 0262 recommended
Focuses on the options for business ownership, steps for starting a business, sources of information and technical assistance, types of business plans, qualities of an entrepreneur, the importance of entrepreneurs, and the advantages and disadvantages of owning one’s own business.
Career & Technical Education
Palo Duro High School Course Offerings

ACCOUNTING I 0354
GRADE: 10—12 CREDIT: 1
PR: 0262 recommended
Students investigate the field of accounting by learning the 9 steps of the accounting cycle for a sole proprietorship and for a merchandising corporation. Concepts are practiced by completing manual and computer problems.

PRINCIPLES OF INFORMATION TECHNOLOGY 0600
GRADE: 9—10 CREDIT: 1/2
PR: none
This course will introduce students to careers in the Information Technology cluster. Students will apply computer skills using a variety of software applications and technologies.

DIGITAL AND INTERACTIVE MEDIA 0606
GRADE: 10—12 CREDIT: 1
PR: 0600 or 0200 recommended
Students will use a variety of application software to edit, create, manipulate, and animate images to complete a variety of projects that address customer needs and resolve a problem.

WEB TECHNOLOGIES 0607
GRADE: 11—12 CREDIT: 1
PR: 0606 or 0200 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 will explore the worldwide web, create web sites and use a variety of application software to create and edit images and animation.

PRINCIPLES OF EDUCATION AND TRAINING 0300
GRADE: 9—10 CREDIT: 1/2
PR: none
This course introduces students to the various careers within the education and training cluster. Students will gain an understanding of the basic knowledge and skills essential to careers within the education and training cluster.

HUMAN GROWTH AND DEVELOPMENT 0301
GRADE: 10—12 CREDIT: 1
PR: 0300 recommended
This course examines the human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones.

CHILD DEVELOPMENT 0555
GRADE: 10—12 CREDIT: 1
PR: 0300 or 0550 recommended
This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING 0302
GRADE: 11—12 CREDIT: 2
PR: 0300 and 0555 recommended
A field-based internship which provides students background knowledge of child and adolescent development principles as well as principles of effective teaching practice; they work under the direction and supervision of career educators in direct instructional roles with elementary, middle, and/or high school aged students.

AMERICORPS (Pract in Ed & Training II) 0304
GRADE: 12 CREDIT: 3
PR: Application required and age 17
A work based internship for students in the AmeriCorps Program, which provides students learning experience in child development while they work directly with young children and career elementary school teachers. During the course of each week, high school students are involved in instruction from the AmeriCorps teacher as well as involved in working in the elementary school with pupils from Grades 1-5.

PRINCIPLES OF HOSPITALITY AND TOURISM 0500
GRADE: 9—10 CREDIT: 1/2
PR: none
The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and 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.

RESTAURANT MANAGEMENT 0502
GRADE: 10—12 CREDIT: 1/2
PR: 0500 recommended
This course will emphasize the principles of planning, organizing, staffing, directing and controlling the management of a variety of food service operations. This course will provide insight into the operation of a well-run restaurant.

CULINARY ARTS 0504
GRADE: 11—12 CREDIT: 2
PR: 0500 or 0502 recommended
The culinary arts program is designed to provide practical hospitality education and experience in the planning, preparation, presentation, and service of food products. This course is a laboratory based class which focuses on the art of cooking and the science of baking.

PRACTICUM IN CULINARY ARTS 0505
GRADE: 12 CREDIT: 2
PR: 0504
This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. This course is a continuation of Culinary Arts I.

PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY 0650
GRADE: 9—10 CREDIT: 1/2
PR: none
This course is designed as a study of the history and philosophy of criminal justice and its ethical considerations. Crime is defined. Its nature and impact are explored. Instruction includes an overview of the criminal justice system, law enforcement and the court systems, a study of prosecution and defense, trial processes, and corrections and penal systems.

LAW ENFORCEMENT I 0651
GRADE: 10—12 CREDIT: 1
PR: 0650 recommended
This course is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.
CAREER DEVELOPMENT

CAREER PREPARATION I 0960
GRADE: 11—12 CREDIT: 3
PR: Must provide own transportation
This course provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences. Students are taught employability skills, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Each student will have an individual training plan that addresses his/her job specific knowledge and skills. All students must follow the Texas Education Agency and Amarillo ISD guidelines.

CAREER PREPARATION II 0961
GRADE: 12 CREDIT: 3
PR: 0960
This course builds upon the knowledge and skills gained in Career Preparation I. Students must provide their own transportation. All students must follow the Texas Education Agency and Amarillo ISD guidelines.
Career & Technical Education
Tascosa High School Course Offerings

PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES 0100
GRADE: 9—10 CREDIT: 1/2
PR: none
This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

PROFESSIONAL STANDARDS IN AGRIBUSINESS 0106
GRADE: 9—12 CREDIT: 1/2
PR: none
This course focuses on leadership, communication, employer-employee relations, and problem solving related to agribusiness.

ENERGY AND NATURAL RESOURCES TECHNOLOGY 0109
GRADE: 10—12 CREDIT: 1
PR: 0100 recommended
This course is designed to explore the interdependency of the public and natural resource systems related to energy production. In addition, renewable, sustainable, and environmentally friendly practices will be explored.

ADVANCED ENVIRONMENTAL TECHNOLOGY 0110
GRADE: 11—12 CREDIT: 1
PR: 0109
Students will evaluate sustainable resources and green technologies which will provide environmental benefits through field and laboratory experiences.

AGRICULTURAL MECHANICS & METAL TECHNOLOGIES 0120
GRADE: 10—12 CREDIT: 1
PR: 0100 recommended
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.

AG POWER SYSTEMS 0122
GRADE: 10—12 CREDIT: 1
PR: 0120 recommended
This course is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery.

PRINCIPLES OF ARCHITECTURE & CONSTRUCTION 0150
GRADE: 9—10 CREDIT: 1/2
PR: none
This course provides an overview of the various fields of architecture, interior design, construction science and construction technology.

INTERIOR DESIGN 0151
GRADE: 10—12 CREDIT: 1
PR: 0150 or Algebra I recommended
Students are introduced to, plan, and evaluate the design of interior and exterior styles of buildings, create floor plan arrangements, and discover factors influencing housing choices (e.g. renting vs. buying).

ARCHITECTURAL DESIGN 0155
GRADE: 10—12 CREDIT: 1
PR: Algebra I and 0150 recommended
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, and landscape architecture. This course 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.

ADVANCED ARCHITECTURAL DESIGN 0156
GRADE: 11—12 CREDIT: 2
PR: 0155
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, and landscape architecture. This course 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.

PRINCIPLES OF ARTS, AUDIO/VIDEO AND COMMUNICATIONS 0200
GRADE: 9—10 CREDIT: 1/2
PR: none
Introduce students to careers in the Arts, Audio/Video Technology and Communications career cluster. Students will have hands-on opportunities with software and equipment used in industry. Students learn the basics of equipment operation, lighting and audio for visual storytelling. Students will work independently and in groups to complete audio/video productions.

AUDIO/VIDEO PRODUCTION 0203
GRADE: 10—12 CREDIT: 1
PR: 0200 recommended
Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Students develop an understanding of the industry with a focus on pre-production, production and post-production audio and video activities. Students work with video recorders, audio systems, lighting systems, field cameras and tripods, editing systems, and the operation of computer animation software to create function animations. Students get hands-on practice working in multimedia and digital video environments.

ANIMATION 0201
GRADE: 11—12 CREDIT: 1
PR: 0203
Students will further their knowledge and skills acquired in audio/video production. Students will work both individually and collaboratively to develop professional quality video productions such as commercials, news stories, and other student interest topics.

ADVANCED AUDIO/VIDEO PRODUCTION 0204
GRADE: 11—12 CREDIT: 2
PR: 0203
This course provides experience in advanced-level production processes. It covers set-up and operation of studio equipment, gives practical experience as camera operator, audio technician, producer, anchor, and other crew members for designated productions. Topics include writing scripts and creating graphics, staging, camera work, and directing interviews, demonstrations, and commercials. Students learn to work effectively as production team members.
Career & Technical Education
Tascosa High School Course Offerings

PRINCIPLES OF BUSINESS, MARKETING, & FINANCE 0262
GRADE: 9—10 CREDIT: 1/2
PR: none
Students are introduced to knowledge and skills of economics and private enterprise systems, impact of global business, marketing of goods/services, advertising, and product pricing. Students analyze the sales process and financial management principles.

TOUCH SYSTEM DATA ENTRY 0251, 0251y
GRADE: 9—12 CREDIT: 1/2
PR: none
Students will apply proper keyboarding techniques to create personal and business letters, reports and outlines after learning all key positions. The students will develop the ability to proofread and edit and demonstrate proficiency in business English and spelling. Students will also improve speed and accuracy in keyboarding skill.

DOLLARS & SENSE 0551
GRADE: 10—12 CREDIT: 1/2
PR: none
This course focuses on the foundations of personal finance in which students will learn about debt and credit managing their money and different types of investment options within the workplace.

BUSINESS INFORMATION MANAGEMENT I (BIM I) 0252
GRADE: 10—12 CREDIT: 1
PR: 0251 highly recommended
Students build skills for successful transitions into the workplace, society and postsecondary education by applying technical skills to create documents, spreadsheets, databases, and electronic presentations using a variety of software applications.

BUSINESS INFORMATION MANAGEMENT I DUAL CREDIT (BIM-DC) 0250
GRADE: 11—12 CREDIT: 1
PR: 0251
BIM dual credit will focus on understanding and using various business software applications including word processing, spreadsheets, databases, presentation graphics and other miscellaneous business applications. As with other dual credit courses, there is a fee associated with this online AC course. See your counselor for additional information.

BUSINESS MANAGEMENT 0259
GRADE: 10—12 CREDIT: 1
PR: 0262 recommended
Students develop a foundation in the ability to look at the economy for cues on business trends, examine financial documents as well as prepare these documents, look to technological advancements in order to broaden and enhance their business output, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge including legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate management decisions.

ENTREPRENEURSHIP 0752
GRADE: 11—12 CREDIT: 1
PR: 0262 recommended
Focuses on the options for business ownership, steps for starting a business, sources of information and technical assistance, types of business plans, qualities of an entrepreneur, the importance of entrepreneurs, and the advantages and disadvantages of owning one’s own business.

SPORTS AND ENTERTAINMENT MARKETING 0754
GRADE: 10—12 CREDIT: 1
PR: 0262 recommended
The purpose of this course is to provide students with the fundamental principles and concepts identified with the sports and entertainment marketing industries and to develop critical-thinking and decision-making skills through the application of marketing principles.

ACCOUNTING I 0354
GRADE: 10—12 CREDIT: 1
PR: 0262 recommended
Students investigate the field of accounting by learning the 9 steps of the accounting cycle for a sole proprietorship and for a merchandising corporation. Concepts are practiced by completing manual and computer problems.

PRINCIPLES OF INFORMATION TECHNOLOGY 0600
GRADE: 9—10 CREDIT: 1/2
PR: none
This course will introduce students to careers in the Information Technology cluster. Students will apply computer skills using a variety of software applications and technologies.

DIGITAL AND INTERACTIVE MEDIA 0606
GRADE: 10—12 CREDIT: 1
PR: 0600 or 0200 recommended
Students will use a variety of application software to edit, create, manipulate, and animate images to complete a variety of projects that address customer needs and resolve a problem.

WEB TECHNOLOGIES 0607
GRADE: 11—12 CREDIT: 1
PR: 0606 or 0200 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 will explore the worldwide web, create web sites and use a variety of application software to create and edit images and animation.

PRINCIPLES OF EDUCATION AND TRAINING 0300
GRADE: 9—10 CREDIT: 1/2
PR: none
This course introduces students to the various careers within the education and training cluster. Students will gain an understanding of the basic knowledge and skills essential to careers within the education and training cluster.

HUMAN GROWTH AND DEVELOPMENT 0301
GRADE: 10—12 CREDIT: 1
PR: 0300 recommended
This course examines the human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones.
Career & Technical Education
Tascosa High School Course Offerings

CHILD DEVELOPMENT 0555
GRADE: 10—12
PR: 0300 or 0550 recommended
CREDIT: 1
This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING 0302
GRADE: 11—12
PR: 0300 and 0555 recommended
CREDIT: 2
A field-based internship which provides students background knowledge of child and adolescent development principles as well as principles of effective teaching practice; they work under the direction and supervision of career educators in direct instructional roles with elementary, middle, and/or high school aged students.

AMERICORPS (Pract in Ed & Training II) 0304
AHS, CHS, PDHS, THS
GRADE: 12
PR: Application required and age 17
CREDIT: 3
A work based internship for students in the AmeriCorps Program, which provides students learning experience in child development while they work directly with young children and career elementary school teachers. During the course of each week, high school students are involved in instruction from the AmeriCorps teacher as well as involved in working in the elementary school with pupils from Grades 1-5.

PRINCIPLES OF HOSPITALITY AND TOURISM 0500
GRADE: 9—10
CREDIT: 1/2
PR: none
The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and 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.

RESTAURANT MANAGEMENT 0502
GRADE: 10—12
PR: 0500 recommended
CREDIT: 1/2
This course will emphasize the principles of planning, organizing, staffing, directing and controlling the management of a variety of food service operations. This course will provide insight into the operation of a well-run restaurant.

CULINARY ARTS 0504
GRADE: 11—12
PR: 0500 or 0502 recommended
CREDIT: 2
The culinary arts program is designed to provide practical hospitality education and experience in the planning, preparation, presentation, and service of food products. This course is a laboratory based class which focuses on the art of cooking and the science of baking.

LIFETIME NUTRITION AND WELLNESS 0553
GRADE: 10—12
PR: none
CREDIT: 1
This course allows the students to use and understand the principles of nutrition and wellness to help them make informed choices on what to eat, as well as careers in hospitality and tourism, education and training, human services, health sciences.

CAREER DEVELOPMENT

CAREER PREPARATION I 0960
GRADE: 11—12
CREDIT: 3
PR: Must provide own transportation
This course provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences. Students are taught employability skills, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Each student will have an individual training plan that addresses his/her job specific knowledge and skills. All students must follow the Texas Education Agency and Amarillo ISD guidelines.

CAREER PREPARATION II 0961
GRADE: 12
PR: 0960
CREDIT: 3
This course builds upon the knowledge and skills gained in Career Preparation I. Students must provide their own transportation. All students must follow the Texas Education Agency and Amarillo ISD guidelines.

PRO—SENIOR INTERNSHIP 0962 & 0963
GRADE: 12
PR: Application required
PRO (Pursuing Real Opportunities) is a two period block class where student interns are matched with mentors who have a career in which the student has an interest. Employment skills and soft skills are studied in the classroom on Mondays and Fridays. Students also develop a research project on a topic related to their career interests. Student interns participate in their internships on Tuesdays, Wednesdays, and Thursdays with their mentor at their business site. Students must provide own transportation.
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