



2019-2020

**Course Description Guide
Mustang High School**

Table of Contents

General Enrollment Information..... p. 2

ACT/SAT..... p.3

NCAA & Scholarships..... p. 3

Academic Achievement & Awards..... p. 4-5

Graduation Requirements..... p. 5-6

Language Arts..... p. 7-9

Language Arts Electives..... p. 9-11

Math..... p. 12-14

Sciencep. 15-19

Science Electives..... p. 19

Social Studies..... p. 20-22

Social Studies Electives..... p. 22-24

STEM..... p. 25-27

World Languages..... p. 27-30

Fine Arts..... p. 30-38

Computer Technology..... p. 38-41

Business & Marketing..... p. 42-44

Media..... p. 44-45

Leadership..... p. 45-48

Family & Consumer Sciences..... p. 48-50

Industrial Arts & Technology..... p. 50-51

Agriculture Sciences..... p. 52-53

Physical Education & Team Sports..... p. 53-55

GENERAL ENROLLMENT INFORMATION

Selecting Classes- Select your courses carefully after serious consideration to your course background, abilities and post-graduate plans. The course schedule you select should meet graduation requirements and challenge you academically.

Schedule Changes- Schedule changes are completed on a limited basis and must meet the requirements for a change. Students will be notified at the beginning of each semester when Schedule Change Forms are available in the counseling office. Please note that all schedule change forms require a parent/guardian signature.

Valid Reason for Schedule Changes-

- Schedule is Incomplete.
- Duplicate Course has been scheduled.
- Course is scheduled for which the prerequisite course has not been completed.
- Schedule requires altering due to student's acceptance into a special program- alternative school, concurrent, career tech, etc.
- Students must bring a copy of documentation verifying enrollment into the special program before changes are made.
- Course is scheduled with a teacher with whom the student has previously failed.
- Student elects to enroll in a more challenging course.

Appeal Process for a Change of Teacher-

1. A conference with parent, student, teacher, and an administrator is required. During this conference, the problem/concern is discussed and a plan should be made by which the student and teacher can solve the problem/concern through mutual effort. The plan must be in effect for a minimum of six weeks.
2. If the parent feels the above plan has not been successful, he or she may write a letter to the principal, describing efforts the student has made to meet the specifications of the plan and why they have not solved the problem.
3. The principal, will determine, based on the letter from the parent and an interview with the student and the teacher, as to whether a problem exists and a change is in the best interest of the student.

ACT/SAT

Registration packets and information are available in the high school counseling office. Please note that both ACT and the College Board prefer online registration. Mustang High Schools offers ACT workshops at various times during the year. Contact the counseling office or school website for details.

On-line Registration & Information:

ACT – www.actstudent.org

SAT – www.collegeboard.org

NCAA & Scholarships

NCAA Clearinghouse-Students planning on playing or participating in college athletics should enroll in the clearinghouse by the end of their junior year. Students must take a prescribed set of courses, take the ACT or SAT and maintain approved GPA. Go to www.ncaa.org for further information or <http://eligibilitycenter.org> to register. Please note: It is the responsibility of the student/parent to notify their counselor if they have registered with the NCAA. Counselors will assist students tracking the necessary coursework for eligibility, however, you, the student are ultimately responsible for completing all of the requirements of the program.

SCHOLARSHIP INFORMATION- Scholarship opportunities are listed on the counseling webpage of the Mustang High School Website. You can find the counseling webpage by going to <http://www.mustangps.org/counseling>. It is the responsibility of the student and parent to find and apply for scholarships, but to make it easier we have provided multiple links to individual scholarships as well as links to other sites to assist in the search for scholarships.

Oklahoma's Promise -The Oklahoma Legislature through the Higher Learning Access Program (OHLAP) has set up a fund that will pay for your college tuition if your parents' total yearly income does not exceed fifty thousand dollars. You may enroll during 8th, 9th, or 10th grade; however, all applications must be completed and received no later than June of the student's sophomore year. Parents and students may apply online at <http://www.okhighered.org/okpromise/>.

Academic Achievement & Awards

Certificate of Distinction- A Certificate of Distinction will be awarded to students who have met or exceeded the following criteria by the end of their senior year in high school with at least a 3.25 unweighted grade point average:

1. Earned four (4) units in English, Mathematics (excluding Math of Finance), Social Studies, and Science;
2. Earned two (2) additional units in the area of technology, the humanities, or the arts;
3. Earned two (2) units in a foreign language

Academic Achievement Award-

Mustang High School will issue an Academic Award to all graduating seniors who fulfill the following scholastic requirements:

1. A minimum of 3.60 unweighted GPA
2. A minimum score of 25 on the ACT Test or a minimum score of 1050 on the SAT
3. A minimum of 26 credits earned in the following courses of study:
 English 4 Units/Credits
 Science 3 Units/Credits beginning with Biology I
 Math 3 Units/Credits, beginning with Algebra I
 (Math of Finance does not count for Acad. Ach. Award)
 Social Studies 3 Units/Credits
 Foreign Language 2 Units in same language or Approved Computer Technology
 Electives 11 Units

Oklahoma Academic Scholars-

Graduating seniors who meet all of the requirements listed below shall be recognized by the local school district and the State Board of Education as an Oklahoma Academic Scholar in compliance with State law which became effective in 1986.

1. Minimum unweighted GPA of 3.7, or top unweighted 10% of class
2. 27 on ACT or 1220 on SAT, taken on a national test date before the date of graduation
3. Complete (or will complete) the curricular requirements for a standard diploma.

National Honor Society-

Students in the sophomore, junior and senior classes who have attained a cumulative grade point average of 3.8 or higher on a 4.0 scale are academically eligible to apply for membership in the Mustang High School Chapter of the National Honor Society. (Freshman are not eligible)

Students who are accepted for membership by the faculty advisory committee must comply with the guidelines set forth in the National Honor Society Constitution and High School Chapter By-laws. See student handbook for more information regarding NHS membership.

Valedictorian/Salutatorian- All students with a GPA of 4.00, weighted or unweighted (no rounding of points) and above, with no grade lower than a B, will be valedictorians and will have a class rank of number 1. All students with a 3.970 (no rounding of points) through 3.999, with no grade lower than a B, will be salutatorians. This is computed from a seven (7) semester transcript.

Students coming from out-of-state/out-of-country institutions with transfer grades that can only be transcribed as "P" may be eligible for valedictorian/salutatorian consideration only with administrative approval.

Students with weighted GPAs, which fall within the designated range for valedictorian/salutatorian, will be removed from consideration for the following:

- one (1) or more grades lower than a “B”
- one (1) or more grades of “NC”
- one (1) or more semesters of grades of “P,” which may be transcribed from out-of-state/out-of-country transfer grades, unless administration approval is granted
- fewer than seven (7) semesters of grades, unless on a six (6) semester early graduation contract

Class of 2020 & Beyond Graduation Requirements

COLLEGE PREPARATORY CURRICULUM- for those following ACE and/or Oklahoma’s Promise:

- 4-English
- 3-Mathematics: 3 units with content and/or rigor above Algebra I and approved for college admission requirements. All 3 units must be taken in grades 9-12.
- 3-Laboratory Science: Limited to Biology, a physical science (physical science, chemistry or physics) and any lab science course with content and/or rigor equal to or above Biology and approved for college admission requirements. Note: Science courses above Biology I may be taught at a high school or technology center.
- 3-Social Studies: 1 unit United States History, ½ to 1 unit United States Government, ½ unit Oklahoma History and ½ to 1 unit selected from World History, Geography, Economics, Civics, or non-Western Culture approved to meet college admissions requirements.
- 2-Foreign Language or Non-English Language OR Computer Technology:
 - 2 units of the same foreign or non-English language or 2 units of computer technology approved for college admission requirements
- 1-Additional Unit selected from the courses listed above:
 - 1 unit selected from the courses listed above or career and technology courses approved for college admission requirements
- 1-Fine Arts: 1 unit or set of competencies for fine arts.

*All students shall fulfill the requirements for a Personal Financial Literacy Passport & CPR in order to graduate from an accredited public high school with a standard diploma.

Electives: The number of elective units plus the number of units from above must be equal to a minimum of 26 units for graduation.

CORE CURRICULUM- (for those opting out of the College Preparatory curriculum)-
Opt out formed must be signed by parent.

- 4-English
- 3-Mathematics: 3 units with content and/or rigor above Algebra I. All 3 units must be taken in grades 9-12.
- 3-Laboratory Science: Limited to Biology, a physical science (physical science, chemistry or physics) and any lab science course with content and/or rigor equal to or above Biology and approved for college admission requirements. Note: Science courses above Biology I may be taught at a high school or technology center.
- 3-Social Studies: 1 unit United States History, ½ to 1 unit United States Government, ½ unit Oklahoma History and ½ to 1 unit selected from World History, Geography, Economics, Civics, or non Western Culture approved to meet college admissions requirements.

- 1-Fine Arts: 1 unit or set of competencies for fine arts.

- Computer Technology- 1 unit or set of competencies for technology.
- Or
- Foreign Language- 1 unit

Electives: The number of elective units plus the number of units from above must be equal to a minimum of 26 units for graduation

Personal Financial Literacy- All students shall fulfill the requirements for a Personal Financial Literacy Passport in order to graduate from an accredited public high school with a standard diploma.

CPR-Beginning with the 2015-2016 school year, all students shall be required to receive instruction in cardiopulmonary resuscitation (CPR) and the awareness of the purpose of an automated external defibrillator at least once between ninth and high school graduation. A school administrator may waive this requirement for an eligible student who has a disability. A student may also be excused from this requirement if a parent or guardian of the student objects in writing.

Concurrent Enrollment- Concurrent enrollment allows outstanding junior and senior high school students to take credit-earning college courses. If you are a junior or senior in high school, you may enroll in college courses if you meet the admission requirements and other conditions. High school seniors who meet the eligibility requirements are entitled to receive tuition waivers for up to 18 credit hours. For more information about concurrent enrollment, contact your high school counselor.

LANGUAGE ARTS

English I: This course fulfills the 9th grade English requirement. English I is a yearlong introductory course studying the writing process, different literary genres, including short stories, novels, poetry, drama, and nonfiction, grammar, and critical thinking skills. Students are required to read both in and out of class. Book reports, projects, and essays are required.

Course No. 0101; OCAS 4045

Grade Level: 9

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

Pre-AP English I: This course fulfills the 9th grade English requirement. Pre-AP English I is an accelerated English class designed to challenge the highly-motivated student who has demonstrated advanced skills in critical reading and composition. This class concentrates on academic and sophisticated essay skills and literature to help students prepare for the AP exam. Students must meet the established criteria to enroll in this course. Summer reading assignment may be required. Students are responsible for completing any summer reading/assignments.

Course No. 0110; OCAS 4045

Grade Level: 9

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

English II: This course fulfills the 10th grade English requirement. Major emphasis is placed on grammar, introduction to essay writing, and the study of literature.

Course No. 0102; OCAS 4048

Grade Level: 10

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

Pre-AP English II: This course fulfills the 10th grade English requirement. Pre-AP English II is the preparatory course for both AP English III and IV. The focus is on composition, grammar, literature, and rhetoric. Students are expected to complete extensive, independent reading and grammar assignments outside of class.

Course No. 0119; OCAS 4048

Grade Level: 10

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

English III: This course fulfills the 11th grade English requirement. Major emphasis is placed on continued essay writing, research skills, and the study of American authors and literature.

Course No. 0103; OCAS 4051

Grade Level: 11

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

AP Language & Composition: This course, the equivalent of a second semester freshman college composition course, focuses on the language and argument and author's use of rhetorical devices to develop and enhance the text. This course is taught at the rigor of a college class and prepares students for the AP English Language and Composition Examination in May for college credit, with a score of a 3,4,or 5. Summer reading is required. Students are responsible for picking up any summer reading/assignments.

Course No. 0113; OCAS 4057

Grade Level: 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

English IV: This course fulfills the 12th grade English requirement. Major emphasis is placed on advanced essay writing, continued use of research skills and the study of English literature.

Course No. 0104; OCAS 4054

Grade Level: 12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

AP Literature & Composition: This course, designed to comply with the curricular requirements described in the AP English Literature & Composition Course Description, engages students with literature through close reading, critical analysis, and writing. This course is taught at the rigor of a college class and prepares students for the AP Literature and Composition Examination in May for college credit, with a score of a 3,4,or 5. Summer reading is required. Students are responsible for picking up any summer reading/assignments.

Course No. 0114; OCAS 4010

Grade Level: 11,12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

Concurrent Enrollment: Students must see their counselor for program qualifications.

English Composition I, II: Pursuant to Oklahoma Senate Bill 290, students will be allowed to earn college credit through concurrent enrollment to receive high school academic credit in correlated subjects. Upon successful completion of English Composition I and English Composition II, a student will earn dual credit for English IV.

LANGUAGE ARTS ELECTIVES

Reading: This course is beneficial for students who did not score Basic on the 8th grade Reading OCCT. This year-long course is for students who have experienced reading difficulties, testing difficulties, and/or seldom read for pleasure. The emphasis will be the improvement in reading comprehension, vocabulary acquisition, critical thinking skills, multimodal tasks skills, organization strategies, research strategies, and test-taking strategies.

Course No. 0142; OCAS 4210

Grade Level: 9

Length of Course: Year or Semester

Prerequisite: None

Program Eligibility: None

Speed Reading I: Recommended as a college preparatory class, this course is designed for students who read well but want to increase reading efficiency and vocabulary. Emphasis of the course will be improved reading comprehension, vocabulary and rate flexibility. Specific topics will be addressed, college entrance exams (ACT), speed reading, improve study skills, college applications and scholarships and children's literature. Two or three contemporary novels will be read during the semester.

Course No. 0144; OCAS 4210

Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Speed Reading II: This course is designed for those students serious about college preparation that read well but want to increase their reading background. Readings will include the short story, one or two contemporary novels and poetry. A strong focus will be given to reading as a thinking process with improvement of comprehension, analysis, and vocabulary. Small group and individualized instruction will be utilized.

Course No. 0147; OCAS 4210

Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Creative Writing: This course is designed for students who enjoy writing and who wish to improve their talents. Coursework includes personal narrative writing in conjunction with specific techniques for improving writing style. Short story and poetry writing will also be emphasized. Students are required to enter writing contents to find a wider audience for their writing and to enter their work for publication in the MHS creative writing anthology.

Course No. 0120; OCAS 4301

Grade Level: 9,10,11,12

Length of Course: Year

Prerequisite: None

Program Eligibility: NCAA

Journalism: Introduction to Journalistic Writing and Design: Today's journalists report on the ever-changing world around them and help bring attention to world and local issues. Journalism I develops skills in interviewing, news writing, feature writing, sports writing, editing, typography, basic layout and design, history and the ethics of journalism.

Course No. 0115; OCAS 4111

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: NCAA

Newspaper: (previously named Journalism II) This course is offered to students who qualify to be on the newspaper staff. Students in this class will work to develop, create and produce a quality monthly newspaper. Student and parent will sign a contract for this class.

Course No. 0116; OCAS 4150

Grade Level: 10,11,12

Length of Course: Year

Prerequisite: Journalism I and Instructor Approval

Program Eligibility: None

Yearbook: This course is offered to students who qualify to be on the yearbook staff. Students in this class will develop, create, and produce a quality yearbook. Students may take the yearbook class more than one year and will receive credit. Student and parent will sign a contract for this class. Enrollment is subject to instructor approval.

Course No. 0118; OCAS 4240

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Journalism I and Instructor Approval

Program Eligibility: None

Debate I: This is an introductory course which covers analysis, research techniques, logical reasoning, delivery, current national debate topics, current event issues, and extemporaneous speaking. Students will work on four Lincoln Douglas debate topics throughout the year as well as researching current foreign and domestic topics. Attendance of one OSSAA Speech Tournaments and participation in a class debates are mandatory. Course fee is \$25 for tournament entry fees.

Course No. 0131; OCAS4015

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: Enrolled in or have taken Pre-AP English

Program Eligibility: NCAA

Debate II: This is an advanced course which covers analysis, research techniques, logical reasoning, delivery, current national debate topics, current event issues, extemporaneous speaking, and team debate. Students will work on Lincoln Douglas debate, Cross-Examination debate, Public Forum debate, as well as researching current foreign and domestic topics. Competing in OSSAA Speech Tournament and participation in a class debates are mandatory. Course fee is \$25 for tournament entry fees.

Course No. 0132; OCAS 4222

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Debate I and instructor approval
Program Eligibility: none

Mock Trial: Students will develop public speaking skills, encourages deductive and inductive reasoning, sharpens reading comprehension, stimulates interest in governmental studies and increases appreciation for our judicial system as a means of enforcing society's laws.

Course No. 0285; OCAS 2750

Grade Level: 10,11,12

Length of Course: Year

Pre-requisite: None

Program Eligibility: None

Intro to Advanced Placement: The purpose of this course is to help prepare and inform students about the rigor and practices of Advanced Placement courses. Students will focus on argumentative writing, note-taking, study/test taking skills as well as critical thinking skills.

Course No. 3750; OCAS 2755

Grade Level: 9,10

Length of Course: semester

Prerequisite: None

Program Eligibility: None

ACT Prep Course: This course is designed to be an interactive, action-packed and individualized learning experience. It contains extensive lessons on all English, Math, Reading, and Science skills tested on the ACT. Students will thoroughly study general test taking tips and strategies for mastering each section of the ACT. Students will drill on content through the use of structured activities, lessons, worksheet and peer - teaching exercises. Students who enroll in this course should plan on taking the ACT test during the semester.

Course No. 4008; OCAS 2740

Grade Level: 10, 11, 12 (10th graders must be enrolled in Algebra 2)

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

MATHEMATICS

Algebra I: This class is required for graduation from high school. It is the beginning of all high school mathematics classes and a prerequisite for Geometry, the next course in the high school sequence. Topics included in Algebra I are properties of numbers, equations, graphing, and problem solving using the algebraic concepts of the course. Scientific calculators are used regularly.

Course No. 0205; OCAS 4411

Grade Level: 9

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

Geometry: This class is intended for students who are preparing to take Algebra II. This course is a study of transformational geometry as it relates to congruent and similar polygons as well as a study of points, lines, planes, geometric figures and their properties. This course develops a student's ability to reason logically and justify this logical thinking by geometric properties. This course includes formal proofs. The material covered also provides the student with a background in geometric properties used in higher mathematics courses. Scientific calculators are used regularly.

Course No. 0206; OCAS 4530

Grade Level: 10

Length of Course: Year

Prerequisite: Algebra I

Program Eligibility: Oklahoma's Promise, NCAA

Pre-AP Geometry: This course is intended for students who are preparing to take Pre-AP Algebra II. This course is a study of transformational geometry as it relates to congruent and similar polygons as well as a study of points, lines, planes, geometric figures and their properties. This course develops a student's ability to reason logically and justify this logical thinking by geometric properties. This course includes formal proofs. The material covered also provides the student with a background in geometric properties used in higher mathematics courses. Successful students will have completed Algebra I in middle school. Scientific calculators are used regularly.

Course number. 0209; OCAS 4530

Grade level: 9, 10

Length of Course: full year

Prerequisite: Algebra I

Program Eligibility: Oklahoma's Promise, NCAA

Intermediate Algebra: This course is intended for students as a bridge course between Geometry and Algebra 2. Course emphasis will be strengthening skills needed to be successful in Algebra 2 or College Algebra including: solving linear & quadratic equations and inequalities, factoring, rationals, linear functions. Seniors who take Intermediate Algebra may need to take a math remediation course in college based on collegiate math placement scores. This course is not a college- prep class.

Course number. 0242; OCAS 4418

Grade level: 11, 12
 Length of Course: Year
 Prerequisite: Algebra I and Geometry
 Program Eligibility: None

Algebra II: This course is intended for students who plan to attend college following graduation and is the minimum upper level mathematics course required for college admission. Topics in Algebra II build on those from Algebra I and Geometry and include the additional topics of logarithms, rational equations, complex numbers, and conic sections. Scientific calculators are used daily and graphing calculators are recommended. You may not use the TI-Inspire or the TI-89 in this class.

Course number. 0207; OCAS 4412
 Grade level: 11, 12
 Length of Course: Year
 Prerequisite: Algebra I and Geometry
 Program Eligibility: Oklahoma's Promise, NCAA

Pre-AP Algebra II: This course is intended for students who plan to continue into upper level math in high school or college. This course will incorporate the Algebra II curriculum, plus a study of the basic trigonometric functions based on the unit circle. A graphing calculator is strongly recommended. You may not use the TI-Inspire or the TI-89 in this class

Course number. 0210; OCAS 4412
 Grade level: 10, 11, 12
 Length of Course: Year
 Prerequisite: Algebra I and Geometry
 Program Eligibility: Oklahoma's Promise, NCAA

AP Statistics: AP Statistics gives students a basic understanding of how data and statistics affect their lives. Students learn experimental design, how to use graphs and statistics to describe a data set, modeling data sets with functions and probability, and inferential statistics. Students in AP Stat learn through fun lab experiments and the use of technology. This is a college level course taught in accordance with AP guidelines to prepare students for the AP Statistics exam.

Course number. 0232; OCAS 4760
 Grade level: 11, 12
 Length of Course: Year
 Prerequisite: Algebra II
 Program Eligibility: Oklahoma's Promise, NCAA

Algebra 3: This class is intended for juniors and seniors wanting to improve their ACT score or needing a bridge course between Algebra 2 and other upper level mathematics courses. The Algebra 3 course covers the content of College Algebra, which includes functions and their graphs, quadratics and higher degree polynomials, equations and systems of equations, exponential functions and logarithms. A unit covering introductory trigonometric concepts will be included. A scientific calculator is used daily in this course and a graphing calculator is highly recommended. This course is NOT recommended for students who have successfully completed Pre-AP Algebra II.

Course number. 0229, OCAS 4413
 Grade Level: 11, 12
 Length: Year

Prerequisite: Algebra II

Program Eligibility: Oklahoma's Promise, NCAA

Pre-AP Pre Calculus: This course is intended for students who plan to take AP Calculus AB, AP Calculus BC, or College Calculus. The course is very rigorous and is paced as a college level course would be paced. Pre-Calculus incorporates the Algebra III and Trigonometry curricula, plus an extended study of inverse functions, factoring higher-order polynomial equations, and special topics used specifically in Calculus. The last unit will be spent covering the foundations of entry-level Calculus. A scientific calculator is used daily in this course and a graphing calculator is strongly recommended.

Course number. 0438; OCAS 4611

Grade Level: 11, 12

Length: Year

Prerequisite: Pre-AP Algebra II

Program Eligibility: Oklahoma's Promise, NCAA

Concurrent Enrollment: Students must see their counselor for program qualifications.

College Algebra: High school students taking College Algebra as concurrent enrollment will be granted high school math credit (upon successful completion) which will count toward graduation.

AP Calculus AB: This course is intended for students who are planning to major in fields of mathematics or science including engineering, medicine, physics, and other related and interrelated fields of study. Calculus is the study of motion and change. It uses all of the mathematical knowledge that students have accumulated during their high school education. A thorough understanding of Trigonometry is essential for students hoping to be successful in this course. Students taking this course are expected to take the AP Calculus AB exam in the spring and may receive credit in the first course of college Calculus in most colleges and universities. A graphing calculator is College Board required for AP Calculus AB.

Course number. 0224; OCAS 4615

Grade Level: 11, 12

Length: Year

Prerequisite: Pre-AP Pre-Calculus or equivalent coursework

Program Eligibility: Oklahoma's Promise, NCAA

AP Calculus BC: This course is intended for students who are planning to major in fields of mathematics or science including engineering, medicine, physics, and other related and interrelated fields of study. AP Calculus BC is a fast-paced rigorous course that covers two college semesters of Calculus in one school year. It covers all of AP Calculus AB plus additional topics in the second course of college Calculus. Students taking this course are expected to take the AP Calculus BC exam in the spring and may receive credit in the first and/or second course of college Calculus in most colleges and universities. The AP Calculus BC exam has an AP Calculus AB subscore, for qualifying students. A graphing calculator is College Board required for AP Calculus BC.

Course number. 0260; OCAS 4616

Grade Level: 11, 12

Length: Year

Prerequisite: AP Calculus AB

Program Eligibility: Oklahoma's Promise, NCAA

Science

Biology: This is an introductory course that deals with the study of life and the living things around you. Topics include scientific method and tools, ecology, classification, cells, genetics, and the human body. Labs are required.

Course No. 0410; OCAS 5031

Grade Level: 9

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

Pre-AP Biology: This course is designed as a prerequisite class for Pre-AP Chemistry and AP Biology. Major concepts in life sciences will be presented. Lab technique skills, analysis of information, and problem solving abilities will be an integral part of the course. Reading the chapters and taking notes are essential to the student's success and will be done outside of the classroom. Pre-AP students do additional projects and research not expected in general biology. This course is designed for preparing the student for college level work whether taken in high school as an AP class or later at a college level or university. Summer assignments may be required.

Course No. 5008; OCAS 5031

Grade Level: 9

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

Physical Science: Physical Science is a laboratory science course that explains relationships between matter and energy. Students will investigate Physical Science concepts through extensive lab work, student-centered activities, real life applications, utilizing the scientific method, and other hands-on learning. The student will gain valuable knowledge and skills needed to be successful in future Chemistry and Physics courses.

Course No. 0406; 5160

Grade Level: 10

Length of Course: Year

Prerequisite: Biology

Program Eligibility: Oklahoma's Promise, NCAA

Chemistry I: This course is a mathematics based physical science which is college preparatory in nature. Lab work will accompany studied topics. Course includes a study of measurement, atomic structure, periodic law, chemical bonding, equations, mass relationships and gas laws. It is recommended students should have earned a "C" or better in Algebra.

Course No. 0420; OCAS 5051

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Biology

Program Eligibility: Oklahoma's Promise, NCAA

Pre-AP Chemistry: Designed to provide students with the pre-requisite skills and knowledge base necessary to be successful in the Advanced Placement Chemistry course or a General Chemistry course in college. Will also provide fundamental knowledge of matter and change; the basis of other

elective science courses, which may be taken in high school. It is recommended students should have earned a "C" or better in Algebra.

Course No. 0461; OCAS 5051

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Biology

Program Eligibility: Oklahoma's Promise, NCAA

Botany/ Zoology: This course is college prep in nature. It is an introduction to the plant and animal kingdoms. Lab and dissection are required and will accompany studied topics. A leaf collection is required for botany and an individual project or research paper for zoology.

Course No. 0443; OCAS 5040

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Biology

Program Eligibility: Oklahoma's Promise, NCAA

Biology II: (Not offered 19-20) Reviews the principles of Biology I and takes a college-prep approach to such topics as genetics, protein synthesis, and gene technology. Other topics will include anatomy/physiology.

Course No. 0430; OCAS 5032

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Algebra I and Biology I

Program Eligibility: Oklahoma's Promise, NCAA

Anatomy & Physiology: This course is an in-depth and intense study of the human body designed to equip the student to be a knowledgeable consumer of the medical professions. Each unit covers structure, function, and associated diseases, causes and cures relating to each system. Lab and dissection are required.

Course No. 0444; OCAS 5220

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Biology

Program Eligibility: Oklahoma's Promise, NCAA

Forensic Science: This course is a laboratory introduction to the concepts of forensic science. This course will explore crime scene investigation, types of evidence, analysis of fingerprints, hair, fibers, drugs, soil and blood. The history of forensic science and the agencies and labs that offer forensic services as well as careers in forensic science will be studied. Second semester topics will consist of exploring forensic anthropology and odontology (dentistry); chemical analysis for substance identification; forensic entomology; autopsies; soils; ballistics and firearms; and further exploration into forensic science careers.

Course No. 0490; OCAS 5334

Grade Level: 11, 12

Length of Course: Year

Prerequisite:

Program Eligibility: Oklahoma's Promise, NCAA

Astronomy: This course is a laboratory introduction to the concepts of modern astronomy; the solar system, the atmosphere, the sun and stars, the Milky Way and other galaxies, and the cosmos. Focus is placed on how scientific methods can be used to investigate complex interactive processes, developing skills for observation and numerical data analysis.

Course No. 0480; OCAS 5020

Grade Level: 11, 12

Length of Course: Semester

Prerequisite: Biology

Program Eligibility: Oklahoma's Promise, NCAA

Geology: This course is a laboratory study of the Earth, its structure, composition, and processes that act upon it. Focus is placed on how scientific methods can be used to investigate complex interactive processes, developing skills for observation and analysis in the laboratory.

Course No. 0470; OCAS 5140

Grade Level: 11, 12

Length of Course: Semester

Prerequisite: Biology

Program Eligibility: Oklahoma's Promise, NCAA

Environmental Science and Natural Resources: The curriculum emphasizes the principles and process involved in conserving and/or improving natural resources such as air, water, land, wildlife habitat, forestry, and energy for economic and recreational purposes. Competencies also include the establishment, management and operation of land for recreational purposes.

Course No. 0627; OCAS 5120

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Biology

Program Eligibility: Oklahoma's Promise, NCAA

Chemistry II: This course is a continuation of Chemistry I on an advanced level. Laboratory work will accompany studied topics. Course include: solutions, ionization, acids, bases and redox reactions.

Course No. 0421; OCAS 5052

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Chemistry I and Algebra II (or concurrent enrollment in Algebra II)

Program Eligibility: Oklahoma's Promise, NCAA

Pre-AP Physics: Designed as an introductory physics course which will focus primarily on the topics covered in a first semester college physics course (Motion, velocity, acceleration, forces, work, and energy). Pre-AP Physics is a math based science course that requires students to have either passed Algebra II already, or be concurrently enrolled in Algebra II. This course will require students to solve problems based on real world scenarios and incorporate math and graphing skills on a regular basis. Students taking Pre-AP Physics will be given the opportunity to explore the concepts of physics by doing lab based activities throughout the year.

Course No. 0463; OCAS 5211

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Algebra II or concurrent enrollment in Algebra II

Program Eligibility: Oklahoma's Promise, NCAA

AP Biology: Equivalent to the general biology course usually taken during the first year in college. A laboratory period of 2 hours a week will be required outside of the regular class time. Students can expect to spend at least five hours a week in unsupervised, individual study outside of class. This course is taught at the college level in agreement with AP guidelines and in preparation for the AP exam.

Course No. 0450; OCAS 5035

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Algebra I and Chemistry I

Program Eligibility: Oklahoma's Promise, NCAA

AP Chemistry: This course will be the equivalent of the general chemistry course usually taken during the first year in college. A laboratory period of two hours will be required outside of the regular class time (approx. six times per semester). Students will spend at least five hours a week in unsupervised, individual study outside of class. This course is taught at the college level in agreement with AP guidelines and in preparation for the AP exam.

Course No. 0460; OCAS 5055

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Algebra II and Pre-AP Chemistry (or Chemistry I with teacher approval).

Program Eligibility: Oklahoma's Promise, NCAA

AP Environmental Science: Overview of general concepts, theoretical principles, and analytical techniques for investigating environmental systems. It integrates tools from both natural and social sciences to analyze contemporary environmental challenges such as pollution, resource acquisition, facility and ecosystem design, impact assessments, and the formulation of environmental policy.. A laboratory period of two hours will be required outside of the regular class time (approximately six times per semester). This course is taught at the college level in agreement with AP guidelines and in preparation for the AP exam.

Course No. 0472

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Biology , Algebra II, and Chemistry I or Pre-AP Chemistry

Program Eligibility: Oklahoma's Promise, NCAA

AP Physics C – Mechanics: This course is equivalent to a first semester physics course taught at the university level. Students will be expected to have a background knowledge of the fundamentals of physics prior to taking this course. AP Physics expands on the topics covered in Pre-AP Physics by incorporating more challenging scenarios and real world examples. There will be many opportunities for students to engage with the information through hands on lab activities. This course is taught at the college level in agreement with AP guidelines and in preparation for the AP exam.

Course No. 0442; OCAS 5216

Grade Level: 10,11, 12

Length of Course: Year

Prerequisite: STEM Pre-AP Physics or Pre-AP Physics, Algebra II or concurrent enrollment in Pre-Calculus

Program Eligibility: Oklahoma's Promise, NCAA

SCIENCE ELECTIVES

Medical Terminology: (Not offered 19-20 school year) This course is for students interested in science and/or medicine. This class will teach students the variations of Greek and Latin prefixes, suffixes, and root word parts. This will allow students to enhance their understanding and application of vocabulary words by emphasizing vocabulary, word usage and critical thinking skills. The curriculum will explore the language of oncology, respiratory, urinary, male/female reproductive, digestive, musculoskeletal, nervous and endocrine systems; as well as directional terms, eye, ear and obstetrics and neonatology.

Course No. 0493; OCAS 5133

Grade Level: 10, 11, 12

Course Length: Semester

Prerequisite: Biology

Program Eligibility: None

SOCIAL STUDIES

Oklahoma History: Included in the course are the following areas: Spanish and French exploration, the Five Civilized Tribes, the Trail of Tears, Oklahoma as Indian Territory, the Civil War in Oklahoma, the development of Oklahoma Territory, statehood and after.

Course No. 0300; OCAS 5615

Grade Level: 9

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

Pre-AP Oklahoma History: This course offers an in-depth study of Oklahoma history. Emphasis is on integrating our state's history with preparation for United States history or world history classes. Students will be expected to read extensively, demonstrate critical thinking and writing skills, and do research. The course prepares students for future history Advanced Placement coursework.

Course No.0304; OCAS 5615

Grade Level: 9

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

World History: This course deals with the social, political, and economic progress of mankind from the Renaissance to the Modern Era. The Protestant Reformation, Imperialism, the Industrial Revolution, and various European conflicts will be emphasized.

Course No. 0311; OCAS 5731

Grade Level: 10

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

AP European History: This course is designed for the sophomore student who desires an in-depth examination of European History from 1450 to the present. This course will use AP Historical Thinking Skills to analyze the political, relational, intellectual, diplomatic, and economic themes of European history. It is a fast-paced class that demands note-taking, strong organization skills, time management, and willingness to develop the ability to write in a historical manner. The subject matter taught will prepare the student for the possibility of receiving college credit by receiving a score of 3, 4, or 5 on the Advanced Placement test. The course is taught in agreement with the AP and College Board guidelines.

Course No. 0370; OCAS 5735

Grade Level: 10

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

US History: This history course includes the social, economic, and political development of the United States from Reconstruction to the present day. Major emphasis is placed on World War I, the Great Depression, World War II, and the expansion of the United States' influence in the modern world.

Course No. 0320; OCAS 5410

Grade Level: 11

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

AP US History: This course is designed for the junior student who desires an in-depth exploration of US History. This course will include information from pre-Columbus America to modern times. It is a fast-paced class that demands strong organization skills from the student and an ability to write in a comprehensive manner. The subject matter taught will prepare the student for the possibility of receiving college credit by receiving a score of 3,4 or 5 the Advanced Placement test. The course is taught in agreement with the AP and College Board guidelines.

Course No. 0322; OCAS 5415

Grade Level: 11

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

American Government: This is a study of the developing principles, structure, and functions of the United States federal government. It covers the origin of our Constitution, and concentrated study of the judicial, executive, and legislative branches of state and local government. This course is required for graduation.

Course No. 0328; OCAS 5541

Grade Level: 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

AP US Government and Politics: This course is taught at the college level in agreement with AP guidelines and in preparation for the AP exam. It will give students an analytical perspective on government and politics in the United States, including both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students will also become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. This course is taught at the college level in agreement with AP guidelines and in preparation for the AP exam

Course No. 0343; OCAS 5546

Grade Level: 12

Length of course: year

Prerequisite: None

Program eligibility: Oklahoma's Promise, NCAA

Concurrent Enrollment: Students must see their counselor for program qualifications. College Government: Pursuant to Oklahoma Senate Bill 290, students will be allowed to earn college credit through concurrent enrollment to receive high school academic credit in correlated subjects. Upon

successful completion of the course, high school students taking College Government as concurrent enrollment will be granted high school credit which will count toward graduation as a core curriculum graduation requirement..

SOCIAL STUDIES ELECTIVES

Economics: This course is designed to help you understand key economic principles and show you those principles in action in the real world. Economics is the study of the choices and decisions people make about how to use the world's resources. It is aimed at the student wanting to understand the problems within the economy and how that affects the political world. Several of the topics discussed will be supply and demand, world trade and markets, government deficits and the effects on the economy, savings and credit and the effects within the economy, and stock markets.

Course No. 0355; OCAS 5521

Grade Level: 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

AP Human Geography: This course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research applications. This course is taught at the college level in agreement with AP guidelines and in preparation for the AP exam.

Course No. 0366; OCAS 5790

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise, NCAA

AP Psychology: AP Psychology is an advanced study of the field of psychology centered around the many different aspects that influence behaviors and the theories that attempt to explain it. The design of the course is at the college level to prepare students for content requirements established by the College Board and the AP examination to be given at the end of instruction. Students are expected to be responsible for completing course materials, topics and activities related to psychology and to take the AP exam in April. Critical thinking skills and observational skills are required. Summer reading/assignments are required.

Course No. 0341; OCAS 5645

Grade Level: 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: NCAA

Current Events: The Current Issues curriculum introduces students to issues that influence our life in this global, multi-cultural society. Students will research current economic, political, social, and cultural problems, and explore how ongoing conflicts affect groups as well as individuals. Emphasis is upon America as a dynamic society in the 21st century, witnessing changes involving community, state, nation, and world. Some of the pressing problems facing our rapidly changing society will be examined in detail using a variety of media. Critical thinking skills and technology related research is emphasized. Speaking and listening skills are reinforced through class discussions and oral presentations. The study of interdisciplinary connections relates current events to history thereby enabling students to grasp the interrelationship between and among them. The use of a variety of technologies is integrated throughout the curriculum.

Course No. 0342; OCAS 5510

Grade Level: 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: NCAA

Sociology: Sociology is an exciting field of study that analyzes and explains important issues in our personal lives, our communities, and the world. Sociology investigates the social causes and consequences of such things as family conflict, deviant behavior, aging, and religious faith. It also examines and explains matters like crime and law, poverty and wealth, prejudice and discrimination, schools and education, and social movements.

Course No. 0351; OCAS 5720

Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: NCAA

Psychology: Psychology is the scientific study of behavior. This course examines such ideas as personality, personality theories, sensations and perceptions, defense mechanisms, attitudes and beliefs, family environment, hereditary concepts, and thinking and problem solving techniques. This course is designed to help the student to understand behavior, behavior disorders, and treatment of behavior disorders.

Course No. 0350; OCAS 5641

Grade Level: 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: NCAA

World War II: Content area of study will encompass the impact of the Treaty of Versailles, the economic/social changes in Japan and Europe with particular focus upon Germany. The rise of the Nazi party, events leading to the Holocaust, the military operations of Germany and Japan, the isolationist position of the United States. The attack on Pearl Harbor and subsequent battles in the Pacific Theater. The Blitz, Battle of the Atlantic, Battle of Britain, invasion of Russia, D-Day and subsequent European battles leading to the collapse of Germany. The course will study the island-hopping campaign and eventual defeat of Japan and the implications of atomic weapons and the effects of the war on post-war foreign policy between the superpowers of the United States and Soviet Union. The course will also study key personalities of the War.

Course No. 0377; OCAS 5789

Grade Level: 12

Length of Course: Semester

Prerequisite: US History

Program Eligibility: Oklahoma's Promise (additional unit); NCAA

The American West: This course is designed as an elective offering within the Social Studies sphere. Focus will be on the territorial expansion of the United States from 1803 to the end of the Frontier period, which would be the early 1890's. Topics to be discussed include (but are not limited to) the acquisition of territory, the cultural confrontations of Europe and Native American, sectional divisions, economic development and the impact of the west on the United States today.

Course No. 0380; OCAS 5780

Grade Level: 9,10,11,12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise(additional unit); NCAA

Civil War: This course will focus on the era 1830-1877, during the height of American sectional conflict between the Northern states and the Southern states, as well as the consequences of the War between the states of 1861 thru 1865. Topics to be discussed include (but are not limited to) Territorial expansion and the implications of governmental actions concerning the expansion and /or containment of slavery, the ideology of the North and South, personalities of the time period, the course of the war and the efforts at reconstruction of the South and the social issues which resulted, some of which are still felt today.

Course No. 0379; OCAS 7841

Grade Level: 9,10,11,12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise (additional unit); NCAA

STEM: SCIENCE, TECHNOLOGY, ENGINEERING and MATH

STEM Pre-AP Algebra II & Pre-AP Physics: This is a single instructional period class that combines the curriculum and objectives of Pre AP Algebra II and Pre AP Physics. This course allows students to learn two of the prerequisites for higher level math and science classes at once, opening future opportunities. Students who successfully complete Pre AP STEM will receive credit for Pre AP Algebra II and credit for Pre AP Physics, including weighted GPA bonuses for both subjects.

Course number. 0273 & 0473; OCAS 4412/5211

Grade level: 10, 11, 12

Length of Course: Year

Prerequisite: Algebra I and Geometry

Program Eligibility: Oklahoma's Promise

Engineering Design: This class will use the latest technology to design and build a variety of projects. The class will design tee shirts, architectural structures, metal cast, precision machines, robots, vinyl signs, and simple machines then build those designs in a state of the art machine shop. New skills in innovation and creativity are going to take your imagination to new levels.

Course No. 0617; OCAS 8811

Grade Level: 9, 10

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Advanced Tech Applications: This course will focus on higher level innovative design & building. Students will be utilizing CAD modeling software, 3D printing & precision machining to create innovative designs while exploring aerospace, civil and mechanical engineering.

Course No. 0257; OCAS 8812

Grade Level: 9, 10

Length of Course: Semester

Prerequisite: Engineering Design

Program Eligibility: None

Intro to Robotics & Computer Science: This course will introduce an engineering principles approach to problem solving including research, cost analysis, prototype development, testing, evaluating, and communicating results. Students will work as robotics teams to solve problems, practice safety, and improve communication skills. Computer technology credit will be earned through the completion of this course. Students with previous competitive robotics experience should enroll in: Advanced Robotics I & Pre- AP Computer Science I course.

Course No. 0611; OCAS 2531

Grade level: 9,10

Course Length: Semester

Prerequisite: Algebra 1

Program Eligibility: Oklahoma's Promise (pending)

Advanced Robotics & Pre- AP Computer Science: (formerly named Pre-AP computer science) This course is designed for experienced robotics students and will expand the students' problem solving skills utilizing an engineering principles approach including research,

cost analysis, prototype development, testing, evaluating, and communicating results. Students will work as robotics teams to solve problems, practice safety, and improve communication skills. Computer technology credit will be earned through the completion of this course and will prepare a student to enroll in Advanced Robotics II & AP Computer Science Programming course the following year.

Course No.0248; OCAS 2532

Grade Level: 10-12, 9th grade with teacher approval

Course Length: Year

Pre-requisite: Experience on a competitive robotics team.

Program Eligibility: Oklahoma's Promise (pending)

Advanced Robotics & Computer Science I: This course is designed for experienced robotics students and will expand the students' problem solving skills utilizing an engineering principles approach including research, cost analysis, prototype development, testing, evaluating, and communicating results. Students will work as robotics teams to solve problems, practice safety, and improve communication skills. Computer technology credit will be earned through the completion of this course.

Course No.0000; OCAS 2531

Grade Level: 10, 9th with teacher approval

Course Length: Year

Pre-requisite: Experience on a competitive robotics team

Program Eligibility: OK Promise (pending)

Advanced Robotics & AP Computer Science: This course is designed for experienced robotics students and will expand the students' problem solving skills utilizing an engineering principles approach including research, cost analysis, prototype development, testing, evaluating, and communicating results. Students will work as robotics teams to solve problems, practice safety, and improve communication skills. Computer technology credit will be earned through the completion of this course. This is a college level course taught in accordance with AP guidelines to prepare students for the AP exam.

Course No.0220; OCAS 2535

Grade Level: 1112

Course Length: Year

Pre-requisite: Experience on a competitive robotics team

Program Eligibility: Oklahoma's Promise (pending)

Advanced Robotics & Computer Science II: This course is designed for experienced robotics students and will expand the students' problem solving skills utilizing an engineering principles approach including research, cost analysis, prototype development, testing, evaluating, and communicating results. Students will work as robotics teams to solve problems, practice safety, and improve communication skills. Computer technology credit will be earned through the completion of this course.

Course No.0000; OCAS 2532

Grade Level: 10-12

Course Length: Year

Pre-requisite: Experience on a competitive robotics team
 Program Eligibility: OK Promise (pending)

Advanced Robotics & AP Computer Science Principles: This course is designed for experienced robotics students and will expand the students' problem solving skills utilizing an engineering principles approach including research, cost analysis, prototype development, testing, evaluating, and communicating results. Students will work as robotics teams to solve problems, practice safety, and improve communication skills. Computer technology credit will be earned through the completion of this course.

This is a college level course taught in accordance with AP guidelines to prepare students for the AP exam.

Course No.0000; OCAS 2536

Grade Level: 11,12

Course Length: Year

Pre-requisite: Experience on a competitive robotics team

Program Eligibility: Oklahoma's Promise (pending)

Advanced Robotics & Computer Science III: This course is designed for experienced robotics students and will expand the students' problem solving skills utilizing an engineering principles approach including research, cost analysis, prototype development, testing, evaluating, and communicating results. Students will work as robotics teams to solve problems, practice safety, and improve communication skills. Computer technology credit will be earned through the completion of this course.

Course No.0000; OCAS 2532

Grade Level: 11,12

Course Length: Year

Pre-requisite: Experience on a competitive robotics team

Program Eligibility: Ok Promise (pending)

WORLD LANGUAGES

French I: This course is designed to introduce students to the French language and cultures of French-speaking countries. Grammar structures and vocabulary are presented to develop proficiency in the four language skills of listening, reading, writing, and speaking. Reading, viewing, storytelling and role-playing activities in French reinforce language acquisition and cultural themes. A minimum grade of "C" in 8th grade Language Arts is recommended for a 9th grade student to be successful in this course.

Course No. 0170; OCAS 3111

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: OK Promise, NCAA

French II: This course is designed to continue developing proficiency. Grammatical structures and vocabulary from French I continue to be practiced. In addition, new grammatical concepts, vocabulary

and cultural themes are presented. Reading, viewing, storytelling and role-playing activities in French reinforce language acquisition and cultural themes. A minimum of a “C” in French I is recommended.

Course No. 0171; OCAS 3112

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: French I

Program Eligibility: OK Promise, NCAA

Pre-AP French Language & Culture: This course is conducted in French and is intended for students that wish to develop proficiency and integrate their language skills, using authentic materials and sources. The course will prepare students to demonstrate their level of French language proficiency across the three communicative modes: interpersonal, interpretive and presentational. The course engages students in an exploration of culture in both contemporary and historical contexts. Throughout the course, the following six themes will be addressed via lessons on sub-themes/topics: 1) Global Challenges, 2) Science and Technology, 3) Contemporary Life, 4) Personal and Public Identities, 5) Families and Communities, and 6) Beauty and Aesthetics.

Course No. 0172; OCAS 3113

Grade Level: 11, 12

Length: Year

Prerequisite: French II

Program Eligibility: Oklahoma’s Promise; NCAA

AP French Language & Culture: The AP French Language and Culture course takes a holistic approach to language proficiency. In this standards-based course, students will learn language structures in context and use them to convey meaning. Language structures will be addressed inasmuch as they serve the communicative task and not as an end goal unto themselves. The course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. [AP French Language and Culture, College Board Curriculum Framework]

Course No. 0173; OCAS 3115

Grade Level: 12

Length: Full Year

Prerequisite: Pre-AP French Language and Culture

Program Eligibility: Oklahoma’s Promise; NCAA

Spanish I: This course develops students’ proficiency in listening, reading, writing, and speaking Spanish on a basic level. Also, the students are introduced to the history and culture of Spanish-speaking countries. Classroom presentations are part of instruction and students are expected to participate. A minimum grade of “C” in 8th grade Language Arts is recommended for a 9th grade student to be successful in this course.

Course No. 0180; OCAS 3161

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma’s Promise; NCAA

Spanish II: Spanish II reinforces proficiency in using grammatical structures and vocabulary from Spanish I. In addition, this is an intense grammar course that introduces many new grammatical concepts. Writing, reading, listening and speaking in Spanish will be emphasized. Classroom

presentations are part of instruction and students are expected to participate. Minimum grade of “C” in Spanish I recommended.

Course No. 0181; OCAS 3162

Grade Level: 9,10, 11, 12

Length of Course: Year

Prerequisite: Spanish I

Program Eligibility: Oklahoma’s Promise; NCAA

Spanish II for Heritage Speakers: This course provides instruction directed at students' continued development of existing competencies in the Spanish language. Students will acquire skills that range from learning grammar and spelling, developing specialized vocabulary through the study of other disciplines, and interpretation and analysis of different literary genres. Students will also increase their awareness and appreciation of different Spanish-speaking cultures. Students will compare and contrast language functions between Spanish and English and enhance their language skills in both languages. Spanish exclusively will be used in the classroom. In addition, it will prepare students for success in Pre-AP & AP Spanish.

Course No. 3982; OCAS 3162

Grade Level: 9,10,11,12

Length: Year

Prerequisite: Spanish is spoken at home 50-70% of the time

Program Eligibility: Oklahoma’s Promise

Pre-AP Spanish Language and Culture: This course is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. Students who enroll should already have a basic knowledge of the language and cultures of Spanish-speaking peoples and should have attained a reasonable proficiency in using the language. The course will prepare students to demonstrate their level of Spanish proficiency across three communicative modes (Interpersonal [interactive communication], Interpretive [receptive communication], and Presentational [productive communication]). Minimum grade of a “C” in Spanish II recommended.

Course No. 0903; OCAS 3163

Grade Level: 11, 12

Length: Year

Prerequisite: Spanish II

Program Eligibility: Oklahoma’s Promise; NCAA

AP Spanish Language and Culture: This course is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. Students who enroll should already have a basic knowledge of the language and cultures of Spanish-speaking peoples and should have attained a reasonable proficiency in using the language. The AP Spanish Language course will prepare students to demonstrate their level of Spanish proficiency across three communicative modes (Interpersonal [interactive communication], Interpretive [receptive communication], and Presentational [productive communication]), and the five goal areas outlined in the Standards for Foreign Language Learning in the 21st Century (Communication, Cultures, Connections, Comparisons, and Communities). The course is meant to be comparable to third year (fifth or sixth semester) college and university courses that focus on speaking and writing in the target language at an advanced level. Minimum grade of a “C” in Pre AP Spanish recommended.

Course No. 0183; OCAS 3165

Grade Level: 12

Length: Year

Prerequisite: Pre-AP Spanish Language and Culture

Program Eligibility: Oklahoma's Promise; NCAA

FINE ARTS

Art I: Students will study and work with basic techniques and materials in art. The elements of drawing will be studied in depth. Students will work in various drawing media using marker, colored pencil, oil pastel, and chalk pastel. Basic painting, printmaking, and sculpture will also be covered. Each student will be required to display work in the MHS spring student art show. \$30 Art fee required to cover consumable materials used.

Course No. 0510; OCAS 2808

Grade Level: 9, 10

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

Art II: This course will cover, in more detail, the techniques and skills taught in Art I. Students will be required to think more independently and creatively. Careers in art will also be covered. Students are required to show work in the spring Art Show. \$40 Art fee required to cover consumable materials used.

Course No. 0511; OCAS 2809

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Art I

Program Eligibility: Oklahoma's Promise (fine arts)

Art III: Artist at this level will be working individually with the teacher to create artwork in their areas of interest. We will do some class and some individual assignments. Students must be self-motivated and truly interested/talented in Art. Emphasis will be placed on careers in art and career planning, art presentation and display and creation of successful portfolios. Students are required to show work in the spring Art Show. \$50 Art Fee required to cover consumable materials used.

Course No. 0512; OCAS 2810

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Art II

Program Eligibility: Oklahoma's Promise (fine arts)

Art IV: Artist at this level will be working individually with the teacher to create artwork in their areas of interest. We will do some class and some individual assignments. Students must be self-motivated and truly interested/talented in Art. Emphasis will be placed on careers in art and career planning, art presentation and display and creation of successful portfolios. Senior students are required to show work, expanding their high school career, in the spring Art Show. \$50 Art Fee required to cover consumable materials used.

Course No. 0513; OCAS 2811

Grade Level: 12

Length of Course: Year

Prerequisite: Art III

Program Eligibility: Oklahoma's Promise (fine arts)

AP Studio Art: AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP work should be at a first-year college level and should reflect a sense of quality, concentration on a particular visual interest or problem, and the need for breadth of experience in the formal, technical and expressive means of the artist. This course is only for students who intend to submit an AP portfolio at the end of the year. Summer art assignments are required. \$60 Art fee required to cover consumable materials used.

Course No. 0448; OCAS 2815

Grade Level: 11, 12

Length of course: Year

Prerequisite: None

Program eligibility: Oklahoma's Promise (fine arts)

Painting: This course is designed to cover all the basics in painting with tempera, watercolor, acrylics and oils. Artist will be assigned class and individual assignments. Students must be self-motivated and truly interested/talented in Art. Successful completion of Art I and II are required. \$40 Art fee required to cover consumable materials used.

Course No. 0519; OCAS 2871

Grade Level: 11, 12

Length of course: Semester

Prerequisite: Art I, II

Program eligibility: Oklahoma's Promise (fine arts)

Installation Art & Set Design: This course will provide hands-on experience including basic construction skills as well as faux painting. Artist will be assigned class and individual assignments. Students must be self-motivated. Successful completion of painting class is preferred.

Course No. 0508; OCAS 2856

Grade Level: 11, 12

Length of course: Semester

Prerequisite: Art II

Program eligibility: Oklahoma's Promise (fine arts)

Crafts I: This course is for the student who wishes to develop their craftsmanship skills through the completion of a variety of projects and exercises designed to expose the student to the design principles of Space, Line, Form, Tone and Texture and how they apply to Arts & Crafts. This course is structured for students who are creative and enjoy making quality crafts. Projects will vary according to availability of materials and practicality for the class size involved. A required \$15 Supply fee will cover all materials used in the course.

Course No. 0500; OCAS 2821 Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

3D Design: This course will build on basic art concepts using sculpture as the primary method for creating art. Various types of sculpture will be covered including relief and 3D. Materials may include paper, found objects, clay and wood. This course may be used as a pathway to Advanced Placement Art. Student fee for this course is \$25.

Course No. 0501; OCAS 2833
Grade Level: 9,10, 11, 12
Length of Course: Semester
Prerequisite: Art1, Crafts 1 or Materials & Processes
Program Eligibility: Oklahoma's Promise (fine arts)

Printmaking: (Not offered 19-20 school year) Students enrolled in this course will build on basic art concepts using printmaking as the primary method for creating art. Various types of printmaking will be covered including etching, screen prints, linoleum and mono prints. Student fee for this course is \$40.

Course No. 0518; OCAS 2851
Grade Level: 10, 11, 12
Length of Course: Semester
Prerequisite: None
Program Eligibility: Oklahoma's Promise (fine arts)

FINE ARTS- HUMANITIES

Humanities: This course is a fun and practical study of society and history through the lens of literature, media, music and art. It is a hands-on course with creative activities geared toward learning through doing. Students will engage in lively discussions, group activities, and individual assignments that will make history come alive. This course will be helpful for every student who desires to think deeply and dig deeper into all issues regarding humanity – it will be extremely beneficial in preparation for college.

Course No. 3824; OCAS 2951
Grade Level: 9,10,11,12
Length of Course: Semester
Prerequisite: None
Program Eligibility: Oklahoma's Promise (fine arts)

Art History: (Not offered 19-20 school year) This course studies the great works of art that mankind as produced throughout history. From the pyramids of Egypt to the famous paintings and sculptures of today, the student learns how the work was done and why it is famous. Understanding works of art explains the world around us and shows why art is relevant and valuable in our lives. This class prepares students for the Humanities classes they will be required to take in college.

Course No. 0514; OCAS 2951
Grade Level: 9,10,11,12
Length of Course: Semester
Prerequisite: None
Program Eligibility: Oklahoma's Promise (fine arts)

Music History: (Not offered 19-20 school year) This is a semester class focused on music and its importance in our lives. By studying music fundamentals and the chronology of music history, students will understand and appreciate different types of music and the role they play in society."

Course No. 3533; OCAS 2953
Grade Level: 9,10,11,12
Length of Course: Semester
Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

Pre AP Art History: Pre-AP Art History is a one-semester survey of the visual arts. This class prepares students to be successful in the AP Art History course and in college beyond. Students will gain practice with the basic terminology, methods of visual and formal analysis, and with placing a work of art within an historical, cultural and esthetic context. Art History is an exciting subject for those who like to travel. This class can change the way you see the world and introduce you to career opportunities in the art world.

Course No. 0517; OCAS 2818

Grade Level: 9,10,11

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

AP ART HISTORY: This course is to prepare students for the AP Art History exam. It is to encourage critical thinking, develop strong writing skills, cultivate a life-long love of art, and understand of how art enriches the human experience. In addition, students are encouraged to develop a desire to travel and see the world. The course will begin with Prehistoric art and continue to the present day. We will study the diversity of art to include both European and non-European traditions. We will consider painting, printing, sculpture, and architecture. We will place the artworks within the context of function, style, period, politics, personalities, geography, literature, religion, philosophy, ethics, technology, patronage, ethnicity and gender. Learning to understand what a piece of art communicates and how it communicates is a priority.

Course No. 6061; OCAS 2816

Grade Level: 10,11,12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

FINE ARTS- Performance

Women's Choir: Women's Choir is a group for 9th - 12th grade women who enjoy singing. This group performs choral literature ranging from the Renaissance to the 21st Century. Performance events include but are not limited to State Choir Contest, Solo & Ensemble, and local concerts. Students also have the opportunity to audition for a variety of honor choirs. Attendance at evening concerts and participation at contest are mandatory. Uniform requirements include - \$65 choir dress purchase.

Course No. 0530; OCAS 3073

Grade Level: 9,10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

Men's Choir: Men's Choir is a group for 9th - 12th men who enjoy singing. This group performs choral literature ranging from the Renaissance to the 21st Century. Performance events include but are not limited to State Choir Contest, Solo & Ensemble, and local concerts. Students also have the opportunity to audition for a variety of honor choirs.

Attendance at evening concerts and participation at contest are mandatory. Uniform requirements include - \$15 tuxedo rental fee.

Course No. 0529; OCAS 3072

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

Harmonia: This auditioned choir is for women who are wanting to sing more challenging music, are more apt to audition for regional and state honor choirs, compete in Solo and Ensemble, in addition to performing at all concerts and competing at state choir contests. This choir creates a continuation of the select choirs at the middle and high school level. This group performs choral literature ranging from Renaissance to the 21st Century. Performance events include but are not limited to State Choir Contest, Solo & Ensemble, and local concerts. Attendance at evening concerts and contest are mandatory. Uniform requirements include \$70 dress purchase.

Course No. 0000 OCAS 3072

Grade Level: 9,10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

Jazz Choir: An auditioned mixed choir consisting of 9th - 12th grade students who are looking to sing and compete at the highest level. Students will perform at all regular concerts, as well as other outside events. This group focuses on more popular vocal styles such as Jazz, R&B and other popular genres. Not only do students learn how to sing with a group, but also learn the skill of solo improvisation, microphone technique and performance skills. Students will be expected to be enrolled in Men's Choir, Women's Choir, Harmonia, or Varsity in order to be a member of this class.

Course No: 3336; OCAS 3072

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: Audition, dual enrollment in additional choir course.

Program Eligibility: Oklahoma's Promise (fine arts)

Varsity Choir: Varsity Choir is an auditioned mixed ensemble comprised of mostly 10th - 12th grade students. This group performs choral literature ranging from the Renaissance to the 21st Century. Performance events include but are not limited to State Choir Contest, Solo & Ensemble Contest, local concerts, as well as community events. Students are encouraged to participate in regional, state and national honor choirs. Attendance at evening concerts and participation at contest are mandatory. Uniform requirements include - \$65 choir dress purchase for ladies, \$45 vest and tie purchase and \$15 tuxedo rental fee for men.

Course No. 0532; OCAS 3074

Grade Level: 10, 11, 12 (9th grade students require teacher approval)

Length of Course: Year

Prerequisite: Audition

Program Eligibility: Oklahoma's Promise (fine arts)

Show Choir: (Not offered 19-20 school year) This audition mixed choir is for men and women who are looking to sing, dance and compete at this highest level. Students will perform at concerts, as well as other outside events. Students will be expected to be enrolled in a choir course in addition to participation in this ensemble.

Course No: 0000; OCAS 000

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: Audition, dual enrollment in additional choir course.

Program Eligibility: Oklahoma's Promise (fine arts)

Experiencing Music: (Not offered 19-20) In this course, students will develop performance skills through in-class presentations of their talent while practicing critiquing abilities, song-lyric analysis, identifying voice quality, exploration of musical styles, audience and performance etiquette and music composition. Application required.

Course No: 0000; OCAS 3051

Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: Application

Program Eligibility: Oklahoma's Promise (fine arts)

Dance: This is an introductory movement course in the fundamentals of Ballet/Jazz, Contemporary, and Hip Hop. Each unit of study includes dance technique, history, anatomy, written/reading assignments, in-class evaluations, and a final exam. Additional study includes cultural and social dance forms.

Course No: 0538; OCAS 2862

Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

Instrumental Music (9th Grade): Instrumental Music is the initial course for students wishing to take band at Mustang High School. All students enrolling in Instrumental Music at MHS may choose to audition for participation in the Mustang "Nightrider" Marching Band. Students selected for the "Nightrider" marching band will audition for placement in one of five concert ensembles following the competitive marching season. Participation in the "Nightrider" marching band is required for placement in the highest performing concert ensemble. Students not participating in "Nightrider" marching band will continue on a course of fundamental exercises and ensemble skills in an effort to improve and prepare for concert band placement. Students must be enrolled in this class to be eligible to audition or any instrumental region or state competitions. Students in this class are required to perform at all football games, all marching contests ("Nightrider" marching band only), several evening concerts and other performances and rehearsal events as scheduled in advance by the instructor. Course fees will apply.

Course No. 0520; OCAS 3004

Grade Level: 9

Length of Course: Year

Prerequisite: Middle School Band

Program Eligibility: Oklahoma's Promise (Fine Arts)

Instrumental Music: Instrumental Music is the continuation of the band curriculum at Mustang High School. All students enrolling in Instrumental Music at MHS may choose to audition for participation in the Mustang "Nightrider" Marching Band. Students selected for the "Nightrider" marching band will audition for placement in one of five concert ensembles following the competitive marching season. Participation in the "Nightrider" marching band is required for placement in the highest performing concert ensemble. Students not participating in "Nightrider" marching band will continue on a course of fundamental exercises and ensemble skills in an effort to improve and prepare for concert band placement. Students must be enrolled in this class to be eligible to audition or any instrumental region or state competitions. Students in this class are required to perform at all football games, all marching contests ("Nightrider" marching band only), several evening concerts and other performances and rehearsal events as scheduled in advance by the instructor. Course fees will apply.

Course No. 0521; OCAS 3004

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Instrumental Music or Instrumental Music (9)

Program Eligibility: Oklahoma's Promise (Fine Arts)

Applied Music: This course is designed to develop the growing instrumental musician. Emphasis will be placed on progress and measured individual achievement. Students enrolling in Applied Music will be required to audition for the CODA and All-OMEA honor bands during the Fall Semester. Students enrolling in the spring will be required to participate in OSSAA Solo and Ensemble music competition at both the regional and state levels. There will be required performances on evenings and weekends as scheduled in advance by the instructor. Audition Fees will apply.

Course No. 0525; OCAS 3052

Grade Level: 10, 11, 12

Length of Course: Semester

Prerequisite: Instructor Approval

Program Eligibility: Oklahoma's Promise (Fine Arts)

Jazz Band: This course is designed for our students that wish to perform in the MHS Jazz Bands. Time will be spent not only in rehearsing the Jazz Ensemble but also for teaching the techniques of jazz such as improvisation and style. All students who wish to participate in this course must audition for the instrumental music staff for ensemble selection prior to enrollment. We will compete in various jazz festivals around the state as well as in the OSSAA State Jazz Band competition. There will be required performances on evenings and weekends as scheduled in advance by the instructor. Course Fees will apply.

Course No. 3366; OCAS 3022

Grade Level: 10, 11, 12

Length of Course: Semester

Prerequisite: Instructor Approval

Program Eligibility: Oklahoma's Promise (Fine Arts)

Theatre I: Theatre I is a year-long, performance-based course. Students, live or filmed, perform in class presentations including: oral interpretation, monologues, scenes, storytelling, improvisation, mime, pantomime, commercials, and a mandatory class production. Students study Greek, Roman, Medieval, Renaissance & Elizabethan theatre history and are also introduced to stagecraft as they create makeup, costume and set designs. OSSAA Speech Tournaments are encouraged while participation in a class play is mandatory. A 16 GB SD card is required.

Course No. 0148; OCAS 4019

Grade Level: 9,10,11,12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise(fine arts)

Theatre II: Theatre II is a year-long, performance-based course building on the background established in Theatre I, adding the exploration of classical and contemporary production styles and playwriting as well as the study of acting styles/theories, Shakespeare and Modern playwrights. Students read and analyze plays, write critiques and reviews, create a resume, create and implement makeup designs and construct/design a flat. Possible Shakespeare and stage combat workshops. Students are required to purchase a \$60-65 theatrical makeup kit for our unit on stage makeup. Competing in one OSSAA Speech Tournament as well as participation in a class play is required. A 16 GB SD card is required.

Course No. 0149; OCAS 4020

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Theatre 1, audition process and instructor approval

Program Eligibility: Oklahoma's Promise(fine arts)

Theatre III: Theatre III is an advanced performance-based course building on the background established in Theatre I and II. Students are required to participate in scenes, monologues, playwriting, improvisation, production design, tournaments, theatre management (in senior-directed one acts), and a class production, which will require some outside class time for a few rehearsals (TBA) & performances. Theatre III students specifically study American Drama, Shakespeare, and auditioning techniques and create an acting resume or design portfolio. Possible stage combat and "auditioning for camera" (film & TV) workshops. Competing in 2 OSSAA Speech Tournaments, participation in the class play, a 16 GB SD card, and participation in the Senior Directed One Acts are all required.

Course No. 0150; OCAS 4021

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Theatre II, audition process and instructor approval

Program Eligibility: Oklahoma's Promise(fine arts)

Theatre IV: Theatre IV is the final theatrical available course, building upon all previous theatre classes, adding the element of directing (Senior-directed one acts). Students are required to participate in scenes, monologues, playwriting, improvisation, production design, tournaments, and a class production, which will require some outside class time for a few rehearsals (TBA) & performances. Theatre IV students specifically study World Theatre, Shakespeare & audition techniques and create an acting resume or design portfolio. Possible stage combat and "auditioning for camera" (film & TV) workshops. Competing in 2 OSSAA Speech Tournaments, participation in the class play, a 16 GB SD card, and participation in the Senior Directed One Acts are all required.

Course No. 0151; OCAS 4022

Grade Level: 12

Length of Course: Year

Prerequisite: Theatre III, audition process and instructor approval

Program Eligibility: Oklahoma's Promise(fine arts)

Stagecraft/Technical Theatre: This course is designed to give all students a basic understanding of the tools, materials, methods, terminology and practice of Stagecraft & Technical Theater. The course introduces the student to the art and craft of technical theatre and theatre production, as well as beginning design and theory. The course focus is on scenery & properties of construction, theatrical painting, lighting & sound operation and program participation. Stagecraft admission requires instructor approval, and advancement requires an application process.

Course No. 3161; OCAS 2856

Grade Level: 9,10,11,12

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts)

Speech: Public speaking is listed as the number one fear of Americans. This course will hope to alleviate this problem for students. This course is focused on students preparing, presenting and evaluating public speaking projects. Students will learn essential communication skills and concepts as well. Students will be required to prepare and present several speeches over the course of the semester including, but not limited to, informative, persuasive, demonstration, group presentations, and more.

Course No. 0750; OCAS 4221

Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise (fine arts); NCAA

COMPUTER TECHNOLOGY

Computer Technology Course Levels

Level 1 Courses – Student has limited knowledge in the area of operating Microsoft Windows and software applications. Student has basic keyboarding skills.

Level 2 Courses – Student has moderate experience with Microsoft Windows and other software applications including the Microsoft Office Suite. Student is comfortable learning different programs and has a moderate keyboarding speed that allows quick progression through new concepts.

Level 3 Courses – Student is highly proficient in the operation of Windows and software applications including the Microsoft Office Suite. Student has keyboarding skills capable of supporting a challenging workload and possesses the desire to master advanced computer programs.

Level 4 Courses – Student has a strong computer background and is prepared for college level coursework that utilizes higher level computer and math skills.

LEVEL ONE COURSES:

Fundamentals of Technology: This course will provide students with the fundamental concepts, principles, and ideas needed to understand how business is operated and managed in a rapidly changing global environment, which is needed for success in business-related careers. This course also provides job readiness skills and soft skills that are critical for success in any workplace setting. Students will develop leadership traits, organizational skills, participate in community service projects, and identify their leadership potential through participation in BPA, the business professionals student organization. There is a \$20 student fee.

Course No. 3025; OCAS 8169

Grade Level: 9, 10

Length of Course: Year

Prerequisite: None

Program Eligibility: Oklahoma's Promise

Computer Applications: This introductory computer course will provide students with a basic understanding of computer systems and a variety of software, as well as improved keyboarding skills. Students will learn computer terminology, file organization, proper document formatting, appropriate use of the internet for research, email etiquette, operation of Microsoft Windows, and an overview of Microsoft Office Word, Excel, and PowerPoint.

Course No. 0219; OCAS 2551

Grade Level: 9, 10, 11

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise

Google Applications: Students will learn the basics of a growing Google world. Topics including application basics, file creation and sharing, multi-person functions, multi-platform functions, and Google classroom will be covered. Students will create a final project and portfolio that will reflect all aspects of the Google environment.

Course No. 0280; OCAS 2551

Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise

Game Design & Development: This course goes over the engineering design cycle, programming concepts, physics in games, debugging skills, problem solving, building and design games with construct 2, building assets and designing an original game. Each students builds their own original game using construct 2 as a final project.

Course No. 0258; OCAS 2551

Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma's Promise

Video/Media Fundamentals: Students will learn basic computer skills such as open and save video projects, identify different file types, gain an understanding of the vocabulary used in the media industry and basic video editing skills. Students will master skills of Adobe Premiere Elements video editing software. Video projects include “Who am I”, a video autobiography, advertisements for school clubs or organizations and produce slide announcements for Bronco TV. Some group work will take place. Students will be required to attend 2 athletic events to film outside of normal class times. This class will require extra time to complete most projects. Student and parent are required to sign a contract. \$25 Course Fee will be charged that will cover a flash drive and SD card for student projects

Course No. 0495; OCAS 2910

Grade Level: 9,10,11,12

Length of Course: Semester

Prerequisite: None

Program Eligibility: Oklahoma’s Promise

LEVEL TWO COURSES:

Advanced Computer Applications: This course is an in-depth study of Microsoft Office. It will provide students with an enhanced set of computer skills and knowledge base in Word, Excel, PowerPoint, and Publisher. It is recommended for students who want to master these concepts to enter the business work force and/or college. A grade of an A or B in Computer Applications is highly recommended.

Course No. 0635; OCAS 2551

Grade Level: 9, 10, 11, 12

Length of Course: Semester

Prerequisite: Computer Applications 1

Program Eligibility: Oklahoma’s Promise

Intermediate Game Design & Development:(formerly Adv. Game Design & Dev.) Building on the basic foundations of Game Design and Development, students will continue to expand their knowledge of game development. Concepts covered in this course will intellectual property, copyright, game:IT design cycle, operating systems, program languages, game engines, the game submission process, HTML basics, programming fundamentals and introduction to Java Script. The final project for this class will be a group project, developing a game as a team.

Course No. 0282; OCAS 2552

Grade Level: 9,10, 11, 12

Length of Course: Semester

Prerequisite: Game Design & Development

Program Eligibility: Oklahoma’s Promise

Fundamentals of Web Design: (Formerly “Intro to Web Design”) Students learn the fundamentals of HTML and web design using Adobe Dreamweaver software. They will learn to design, create, edit and publish web pages as well as design and manage websites. Content will include page layout and formatting text; adding and modifying images, creating hyperlinks, style sheets, and dynamic web pages that utilize forms. Students will develop leadership traits, organizational skills, participate in community service projects, and identify their leadership potential through participation in BPA, the Business Professionals of America student organization. There is a \$20 student fee.

Course No. 0613; OCAS 8153

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Fund. of Tech

Program Eligibility: Oklahoma’s Promise

Digital Video Editing: Students will master real-time editing for professional digital video productions. Project management techniques and professionalism will be emphasized as students complete video based projects.

Course No.0496; OCAS 2552

Grade Level: 9, 10, 11, 12

Length: Semester

Prerequisite: Successful completion of a Level 1 Course

Program Eligibility: Oklahoma’s Promise

LEVEL THREE COURSES:

Advanced Game Design & Development: This course will use Unity to build 3D games and will be an introduction to 3D game development. Students will be exposed to object-oriented programming concepts, game development skills, the design process, and group based projects.

Course No.0000; OCAS 2552

Grade Level: 11, 12

Length: Semester

Prerequisite: Successful completion of Intermediate Game Design & Development

Program Eligibility: Oklahoma’s Promise

BUSINESS & MARKETING EDUCATION

Marketing Fundamentals: This is a course of study in the basic marketing concepts and foundations with an emphasis on the application of technology to perform marketing duties/tasks and software applications including the use of word processing, databases, spreadsheets, and graphics. Course content includes topics related to human relations, math, communication, economics, selling, promotion, risk management, distribution, and marketing trends. Students learn office and job safety, competencies required to secure and hold jobs. Students will develop leadership traits and identify their leadership potential through participation in DECA, the marketing student organization. Membership in DECA is a class requirement. \$20 for local, state and national dues.

Course No. 0634; OCAS 8602

Grade Level: 9,10

Length of Course: Year

Prerequisite: None

Program Eligibility: None

Employment Essentials: This one semester course is designed to provide students with fundamental workplace knowledge and skills to succeed in any career. Students will develop the soft skills, personality traits, personal management, and basic technology skills desired by employers. Students will explore techniques to manage their personal life, financial life, and career preparation. Students will have the opportunity to develop leadership and teamwork skills through participation in the student organization, DECA (an association of marketing students). Membership in DECA is a class requirement. \$20 for local, state and national dues.

Course No. 3210; OCAS 8623

Grade Level: 10,11,12

Length of Course: Semester

Prerequisite: Fundamentals of Marketing, Fundamentals of Technology or Entrepreneurship

Program Eligibility: None

Business and Marketing Communications: This is a course of study in the application of marketing skills developed through a variety of informal and formal experiences. The performance-based course will emphasize effective interpersonal and team building skills along with written and oral communication techniques. Technology will be used to create and deliver presentations, enhance problem-solving situations, and practice critical thinking and decision-making. Job interview, research paper, and/or projects will culminate this course. Students will develop leadership traits and identify their leadership potential through participation in DECA, the marketing student organization.

Membership in DECA is a class requirement. \$20 for local, state and national dues.

Course No. 0640; OCAS 8611

Grade Level: 10,11,12

Length of Course: Semester

Prerequisite: Fundamentals of Marketing, Fundamentals of Technology or Entrepreneurship

Program Eligibility: None

Sales and Sales Promotion: This is a course of study designed to prepare students with the basic knowledge and skills necessary for a career in sales. Students will discover the role of sales and sales promotion in meeting the goals of an organization. Topics include; understanding personal traits, human relation skills, product knowledge, selling principles and techniques, promotion, advertising, and state and federal laws. Students will develop leadership traits and identify their leadership potential through participation in the DECA student organization. This is the capstone course for all DECA/Business & Marketing courses. Membership in DECA is a class requirement. \$20 for local, state and national dues.

Course No. 3537; OCAS 8607

Grade Level: 10,11,12

Length of Course: year

Prerequisite: previous Marketing/ DECA courses; Teacher Approval

Program Eligibility: None

Professional Sales: This course focuses on the purpose of the promotional strategy of selling and its role in the marketing environment. Emphasis is placed on the purpose and steps of the sales process, and the importance of completing each step in the presentation. Technology will be used to create and deliver presentations, enhance problem-solving situations, and practice critical thinking and decision-making. Professional careers in sales will be explored. Students will develop leadership traits and identify their leadership potential through participation in DECA, the marketing student organization. This is the capstone course for all DECA/Business & Marketing courses. Membership in DECA is a class requirement. \$20 for local, state and national dues.

Course No. 3341; OCAS 8608

Grade Level: 11,12

Length of Course: year

Prerequisite: previous Marketing DECA courses, Teacher approval

Program Eligibility: None

Personal Financial Literacy: This course will introduce many areas that will help enhance financial security: understanding ways to maximize one's earnings potential, developing strategies for managing financial resources, exploring skills for the wise use of credit and discovering ways to manage risk are some of the topics that will be covered. Students will complete the personal financial literacy standards required for graduation through the completion of this course.

Course No. 0632; OCAS 1451

Grade Level: 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Personal Finance II: The purpose of this class is to expand the objectives of Personal Financial Literacy (Personal Finance I) with emphasis on investing, consumer rights, and resource management. After taking both courses, students will have learned the skills to be "financially fit" for life.

Course No. 0249; OCAS 1451

Grade Level: 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Accounting I: This course introduces students to the fundamentals of Accounting, which is considered the “Language of Business”. Students will learn to keep financial records and analyze and interpret these records for use in business management. It provides a good foundation for college courses in business and is highly recommended for students interested in pursuing a college degree in any business major. It also provides a good understanding of general financial principles for students that plan to own their own business, or seek to acquire an entry-level accounting job.

Course No. 0615; OCAS 2401

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Algebra I

Program Eligibility: None

Accounting II: In this course students gain a deeper knowledge of Accounting. It includes an in depth look at asset, liability and owner’s equity accounts. Students will also learn to analyze financial statements and study departmental and managerial accounting. A solid foundation for students who plan to continue studying business and accounting at the college level will be established. Excel spreadsheet applications and “Peachtree Accounting Software” are used extensively in this course.

Course No. 0616

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Accounting I

Program Eligibility: None

Media

Photography I: Students will use and maintain modern photographic equipment and learn principles of photographic design and composition. Students will also learn image editing and engage in critical analysis of photographs.

Course No. 3870; OCAS 2889

Grade Level: 9,10,11,12

Length: Semester

Prerequisite: None

Program Eligibility: none

Sports Broadcasting: This course will require students to make a commitment of time, talent, and energy. This course will provide students with knowledge in live event broadcasting, specifically in the sports industry. It will require students to be responsible, self-motivated, task-oriented, and have a strong ability to meet deadlines as students will be required to attend sporting events after school to produce full, live broadcasts that are streamed to the internet.

Students will learn how to operate cameras, graphic packages, perform as technical director and director for the course of an entire event. Students will also have access to software programs such as the Adobe Creative Suite and Apple Final Cut Studio to edit graphics and video. The class will be responsible for developing a weekly or bi-weekly sports broadcast for the Athletic Department’s “Coach’s Show.” Students will learn leadership skills while learning how to focus on a specific job and operate under pressure. A \$20 course fee will be charged that will cover an SD Card for the student’s projects. Course No. 0497; OCAS 2910

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Video/Media Fundamentals or by instructor approval
Program Eligibility: none

Media Broadcasting: This course will require students to make a commitment of time, talent, and energy. Students enrolled in this class will be responsible for filming and working on events and activities outside of school. This course will require students to be responsible, self-motivated, task-oriented, and have a strong ability to meet deadlines. Students will be responsible for developing a weekly or bi-weekly news broadcast for the high school and will also be responsible for filming and producing live events, such as school concerts, assemblies and other large events. Students will have access to software programs, such as the Adobe Creative Suite and Apple Final Cut Studio, to utilize skills from Digital Video Editing to produce short news stories for the weekly newscast. Students will also learn the positions in a news broadcast or other live event, such as videographer, editor, technical director, talent, etc. Students and their parents are required to sign a contract for this course. A \$20 course fee will be charged that will cover an SD card for the student's projects.
Course No. 0498; OCAS 2910
Grade Level: 10, 11, 12
Length of Course: Year
Prerequisite: Video Editing and instructor approval
Program Eligibility: None

LEADERSHIP

Freshman Success: This course is designed to help students understand the environment and expectations of being a high school student. The curriculum for the course will cover a variety of topics including organizational and time-management skills, collaborative learning, service-learning, goal setting and career exploration.
Course No.3564; OCAS 2725
Grade Level: 9
Length: Semester
Prerequisite: None
Program Eligibility: None

Bronco Success: This course is designed to help students develop and explore post secondary goals as well as college and career planning. The curriculum for the course will cover a variety of topics including organizational and time-management skills, collaborative learning, service-learning, goal setting and career exploration.
Course No.3539; OCAS 2725
Grade Level: 11,12
Length: Semester
Prerequisite: None
Program Eligibility: None

Leadership I: This is a year- long course open as an elective for anyone who is a member of an existing club or organization on campus, specifically student council. Class objectives are achieved through in-class projects that may carry over into the school's overall environment. Through their leadership positions, the students will have opportunity to practice skills learned in class. This class consists of a core curriculum supplemented by group dynamic exercises, visual creations, publicity, ice breaker activities, public speaking, motivation techniques, committee work, journal writing, team building, conflict resolution, leadership styles, parliamentary procedures, and project planning. Students will be required to participate in community service activities outside of school.

Course No. 3577; OCAS 2760

Grade Level: 10, 11

Length of Course: Year

Prerequisite: None

Program Eligibility: None

Leadership II (Student Council): Provides an opportunity for students who have completed and passed Leadership I to expand their leadership skills. Students will take active roles in service to Mustang High School and to the community of Mustang. Students wishing to take Leadership II will have an important role in all MHS activities held by Student Council. Students are required to be an active member of student council or an officer of another club on campus and have completed and passed Leadership I. Students will be required to participate in community service activities outside of school.

Course No. 0345; OCAS 2760

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Leadership and Instructor Approval

Leadership III (Student Council): Provides an opportunity for students who have completed and passed Leadership II to expand their leadership skills. Students will take active roles in service to Mustang High School and to the community of Mustang. Students wishing to take Leadership III will have an important role in all MHS activities held by Student Council. Students are required to be an active member of student council or an officer of another club on campus and have completed and passed Leadership II. Students will be required to participate in community service activities outside of school.

Course No. 3576; OCAS 2760

Grade Level: 11,12

Length: Year

Prerequisite: Officer in existing clubs and organization and instructor approval.

Program Eligibility: None

Students Assisting Students: Students must obtain an application packet from the instructor prior to enrolling. This course is designed to develop leadership skills and disability awareness through peer tutoring. Applications are available in the counseling office.

Course No. 0670; OCAS 2775

Grade Level: 11, 12

Length of Course: Semester

Prerequisite: Approved application

Program Eligibility: None

Office Procedures: This course is designed to allow students an opportunity to assist a specific teacher, administrator or office staff member with daily duties and responsibilities. Students must be in good standing (both academically and discipline) and obtain an application packet from the counseling office prior to enrolling. Applications are available in the counseling office.

Course No. 0644; OCAS 2419

Grade Level: 12

Length of Course: Semester

Prerequisite: Approved application

Program Eligibility: None

Junior ROTC Leadership & Education Training (LET) I: Students are introduced to the first three JROTC Core Units. Unit 1, Citizenship in Action includes the history, customs, traditions, organization, and purpose of Army Junior ROTC. Unit 2, Leadership Theory and Application students are introduced to basic leadership skills to include leadership principles, values, skills and attributes. Unit 3, Foundations for Success includes oral and written communication skills, conflict resolution, thinking and study skills, diversity and self-awareness training, and financial goal setting. Additional areas of study include first aid, map reading, physical fitness, and history. Students wear the JROTC uniform one day each week. Extracurricular Actives include: Color Guard, Drill, Marksmanship, Saber, Cadet Challenge (physical fitness), Raider Challenge (adventure training), Academic Challenge teams; Annual Military Ball and participating in community parades.

Course No. 0371; OCAS 2720

Grade level: 9, 10, 11

Length of course: Year

Prerequisite: None

Program Eligibility: None

Junior ROTC Leadership & Education Training (LET) II/III: Includes classroom and laboratory instruction building on the LET I curriculum while introducing the student to additional areas in the Core Units. Unit 4, Wellness, Fitness, and First Aid contains physical fitness, diet, nutrition, healthy lifestyles and awareness of substance abuse and prevention, and first aid training. Unit 5, Geography and Earth Science includes an overview of geography, map and land navigation skills, and environmental awareness. Unit 6, Citizenship in American History and Government explores the U.S. Constitution, Bill of Rights, responsibilities of U.S. Citizens, and the federal justice system. Leadership Lab and Service Learning projects are additional content areas. Students wear the JROTC uniform one day each week. Extracurricular Actives are the same as the LET I course. Successful completion of the LET I, II and III courses makes the student eligible for 8 semester hours of college credit through Adams State College(Colorado).

Course No. 0372, 0373; OCAS 2720

Grade level: 10, 11, 12

Length of course: Year

Prerequisite: LET I

Program Eligibility: None

Junior ROTC Leadership & Education Training (LET) IV: Fourth year students perform as commanders and staff officers within the JROTC organization. As such, these students are responsible for the daily administration of many areas of the JROTC program. They act as assistant instructors in several subject areas for other the JROTC classes. Students will apply their skills in the areas of leadership, negotiating, decision making, problem solving, presentation skills, conflict management,

career and financial planning while continuing to develop their leadership, mentoring and planning skills through the implementation of special unit events such as the annual awards banquet and military ball, field training exercises and extracurricular team preparation for competitions. Extracurricular Activities are the same as the LET I course. Successful completion of LET I through LET IV make the student eligible for 16 semester hours of college credit through Adams State College (Colorado).

Course No. 0374; OCAS 2720

Grade level: 12

Length of course: Year

Prerequisite: LET I, II and III courses; Instructor approval.

Competitive Marksmanship: This course is competitive Olympic three position small bore target shooting which requires students to develop precise muscle control, intense concentration, mental and physical stamina, and unwavering emotional control. Students will also become familiar with marksmanship safety. This course will require time spent outside of the regular school day. This is not a beginning or recreational sport.

Course No. 0369; OCAS 2720

Grade level: 10, 11, 12

Length of course: Year

Prerequisite: LET I and current enrollment in a LET II, III course & Instructor Approval

Program Eligibility: None

JROTC Competitive Drill Team: JROTC Drill Teams usually consist of 10 to 18 students. These teams compete in local and regional Drill Meet competitions where the teams are judged on their precision and attention to detail as they execute a detailed routine. These drill routines normally last 5 to 7 minutes. There are 4 subcategories of drill teams and include Unarmed Regulation, Unarmed Exhibition, Armed Regulation and Armed Exhibition. Students enrolled in this class may train to compete on teams in any or all of these 4 categories. Students must remain academically eligible to compete on any drill team.

Course No. 0375; OCAS 2720

Grade level: 9,10,11,12

Course Length: Year

Prerequisite: Concurrent enrollment in JROTC /Instructor approval

Program Eligibility: None

FAMILY & CONSUMER SCIENCES

Family & Consumer Science: This course will consist of units covering personality, color, nutrition and food preparation, grooming, beginning clothing construction, child development, and consumer education and color in everyday life. Students will be expected to furnish supplies for clothing construction. FCCLA (Family Community and Career Leaders of America) is a student leadership organization associated with FCS courses. Students who wish to join will pay national affiliation dues, along with district and state convention registration fees.

Course No. 0700; OCAS 8415

Grade Level: 9, 10

Length of Course: Year

Prerequisite: None

Program Eligibility: None

Food Prep & Culinary and Nutrition I: (formerly “ Food Preparation & Nutrition 1”) A laboratory course in which students use nutrition knowledge to make informed choices to promote lifetime wellness, the importance of healthy eating, and physical activity across the life span. Students will learn safe food handling practices, healthy menu planning and food preparation techniques, and how to recognize sources of stress and healthy strategies to reduce the impact of stress on total wellness. Needs of the competitive athlete are also addressed. Career exploration of the nutrition and culinary industries will be explored. Student leadership through Family, Career, and Community Leaders of American (FCCLA) is an integral part of this course.

Course No. 0718; OCAS 8474

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: None

Food Prep & Culinary and Nutrition II : (formerly “ Food Preparation & Nutrition 2”) A laboratory course in which students will study of the physical, biological, and chemical makeup of food, the causes of deterioration in food products, the principles underlying food processing, and the improvement of foods for the consuming public. Students will investigate and analyze the science involved in advanced food preparation techniques. Students will learn to make informed decisions regarding consumable foods to foster wellness in our ever-changing society. Career exploration of the nutrition and culinary industries will be explored. Student leadership through Family, Career, and Community Leaders of American (FCCLA) is an integral part of this course.

Course No. 0714; OCAS 8472

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Food Prep & Culinary Nutrition I

Program Eligibility: none

Fashion Design & Sewing 1: (formerly “Sewing and Textiles I”) This course introduces students to basic apparel design and construction skills. Students will examine the elements and principles of design, plan a wardrobe, learn to care for clothing, select appropriate fabrics for a selected pattern, learn basic operations of sewing technology and equipment as well as apply basic sewing skills. Career skills and career opportunities within the apparel industry will be explored. Class fee for consumable class project supplies. Additional supplies for personalized and/or individualized projects to be supplied by student.

Course No. 0720; OCAS 8425

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: None

Fashion Design & Sewing 2: (formerly “Sewing and Textiles II:”) This course will strengthen and broaden apparel design and production techniques taught in Fashion Design & Sewing 1. In this course, students will design and construct intermediate to advanced level projects using various construction techniques. Students will identify, analyze and apply design processes and techniques to textiles. Entrepreneurship, service projects, career skills and career opportunities within the apparel

industry will also be explored. Class fee for consumable class project supplies. Additional supplies for personalized and/or individualized projects to be supplied by student.

Course No. 0729; OCAS 8425

Grade Level: 11, 12

Length of Course: Semester

Prerequisite: Sewing and Textiles I & teacher approval

Program Eligibility: None

FCSEd Capstone: OK CareerTech capstone courses are an in-depth opportunity for the student to demonstrate accomplishment of the full spectrum of their learning at the culmination of a career major. The course is student centered and directed and integrates what the student has learned from specific career major FCS courses along with their academic courses. Capstone courses are the application of all that the student has learned. Capstone courses are tailored and individualized within a student/teacher partnership and serve as a pure evaluation instrument when assessed by a panel of the career major experts. Student leadership through Family, Career, and Community Leaders of American (FCCLA) is an integral part of this course.

Course No. 00730; OCAS 8446

Grade level:12

Length of Course: Semester

Prerequisite: FCS 1 along with/ and 2 yrs in specific FCS pathway

Program Eligibility: None

INDUSTRIAL ARTS & TECH EDUCATION

Intro to Woodworking: This course consists of woodworking processes. The student will be involved in working with hand tools, safety aspects and basic machine processes.

Course No. 0764; OCAS 3741

Grade Level: 9, 10, 11

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Wood Technology II: This course will involve the student in advanced machine processes using more complicated and complex safety aspects of working with machines. The student will be responsible for the choosing, building, and funding of a quality woodworking project.

Course No. 0761; OCAS 3742

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Intro to Woodworking

Program Eligibility: None

Wood Technology III-IV: This course will involve the student in construction of furniture and cabinet making. Students will have to choose a project, fund it, and build it by the end of the year.

Course No. 0762, 0763; OCAS 3743, 3744

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Woodworking II

Program Eligibility: None

Materials & Processes: This course will further expose the student to the construction of quality craftsmanship projects, as well as concentration on the improvement of the student's fine motor skills. The course will entail many of the skills acquired in the previous course but with a greater emphasis on quality in design and production. All projects in this production-orientated class are subject to approval by the instructor and may be altered to conform to the skill level of the individual student. Students will be expected to pay for any materials used in projects produced in this course. This course is for the serious craftsman and will require extra time for the average student.

Course No. 0502; OCAS 3790

Grade Level: 10, 11, 12

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Intro to Mechanical Drawing: Drafting is a means of communication by instrumental drawings. Students are expected to furnish their materials. The student will receive training in mechanical drawing, which includes the following: multi-view, isometric and section drawing. Students are to furnish their own pencils and erasers.

Course No. 0755; OCAS 3551

Grade Level: 9, 10, 11

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Mechanical Drawing II: This course covers advanced concepts, materials, and technical illustrations (ink and air brush renderings). Students are expected to furnish their materials as in Introduction to Mechanical Drawing.

Course No. 0756; OCAS 3552

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Intro to Mechanical Drawing

Program Eligibility: None

Architectural Drawing I: Students will design a floor plan and a full set of house plans.

Course No. 0757; OCAS 3511

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Intro to Mechanical Drawing

Program Eligibility: None

Architectural Drawing II: This course covers advanced residential and commercially designed drawings and house models.

Course No. 0758; OCAS 3512

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Architectural Drawing I

Program Eligibility: None

AGRICULTURAL EDUCATION

Agricultural Science I: This is an introductory course in the agriculture and agricultural-related industries. Core curriculum provides students with necessary skills, information, and opportunities to experience a variety of occupational and educational clusters in leadership, communications, careers, agriculture mechanics (welding), and animal science and plant science. FFA is an extension of the classroom that allows students to attend leadership conferences, livestock shows, judging contests, and career development events.

Course No. 0622; OCAS 8004

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: FFA

Agricultural Science II: This curriculum provides information, knowledge, and hands-on experience in agricultural marketing, parliamentary procedure, group presentations, record keeping, livestock. FFA is an extension of the classroom that allows students to attend leadership conferences, livestock shows, judging contests, and career development events.

Course No. 0623; OCAS 8005

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Agriscience I

Program Eligibility: FFA

Introduction to Agribusiness Management: This course is the introduction for students interested in managing and otherwise operating agricultural businesses. Content includes meaning and role of management, economic systems, risk management, starting an agribusiness, and complying with legal regulations, records, and financial analysis.

Course No. 0624; OCAS 8019

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Agriscience I

Program Eligibility: FFA

Agricultural Sales and Marketing: This course builds on introductory course and is for students with an interest in marketing processes, particularly selling and distribution. Content includes importance of marketing, agricultural commodity marketing, international marketing, input marketing, preparing marketing plans, promotion and advertising, technology in sales and marketing, and personal selling.

Course No. 0621; OCAS 8020

Grade Level: 11, 12

Length of Course: Year

Prerequisite: Agriscience I & Introduction to Ag Business and Management

Program Eligibility: FFA

Agricultural Power & Tech I: These courses provide information about the selection, operation, maintenance, and use of agricultural power, electronics, agricultural machinery, soil and water management, and agricultural mechanic shop, including welding, cutting, metallurgy, and safety.

Course No. 0625; OCAS 8009

Grade Level: 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: None

Agricultural Power & Tech II: This course is a continuation of Intro to Agr. Mech & Power and provides information about the selection, operation, maintenance, and use of agricultural power, electronics, agricultural machinery, soil and water management, and agricultural mechanic shop, including welding, cutting, metallurgy, and safety.

Course No. 0626; OCAS 8010

Grade Level: 12

Length of Course: Year

Pre-requisite: Agricultural Power & Tech I or Instructor Approval

Program Eligibility: None

Introduction to Natural Resources and Environmental Science: This course is for students with an interest in the use and stewardship of natural resources and the environment. Content includes the importance of natural resources, issues associated with preservation and conservation, kinds of resource use, human population demands, recycling, ecology, weather and climate, biosecurity, land description, energy, minerals, rangeland, and waste management.

Course No. 0627; OCAS 2613

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Agriscience I

Program Eligibility: Oklahoma's Promise, NCAA

PHYSICAL EDUCATION, HEALTH & TEAM SPORTS

Physical Education: This program stresses basic skills in various individual and team activities. The majority of time will be spent in developing knowledge and skills in leisure time activities. These activities may include table tennis, soccer, volleyball, bowling, tennis, softball, golf, physical fitness, and aerobic exercises.

Course No. 0902 (9th), 3089; OCAS 3320

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: None

Co-Educational Weight Training: Co-Ed Weight Training is designed to give the student athlete a more competitive edge on the playing field. For the non student athlete this class is designed to help these individuals learn a lifelong skill. Students will be properly instructed on 3 Olympic lifts (clean, snatch, and jerk) and 5 power lifts (bench, squat, towel bench, incline, and box squat). Students will also learn various other lifts that will complement the Olympic and Power lifts. Furthermore, individuals will learn the benefits of proper nutrition.

Course No. 0901 (9th), 0900; OCAS 3320

Grade Level: 9, 10, 11, 12

Length of Course: Year

Prerequisite: None

Program Eligibility: None

Outdoor Education: (previous name: Archery & Fishing) Students will meet their physical education needs and have the opportunity to excel throughout a lifetime in the unique sports of archery and fishing. This is part of a national program and the curriculum is provided by the Oklahoma Department of Wildlife. Students will compete in archery contests.

Course No. 0805; OCAS 3320

Grade Level: 9,10,11,12

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

First Aid: This course will help participants identify and eliminate potentially hazardous conditions in their environment, recognize emergencies and make appropriate decisions for first aid care. It teaches the knowledge and skills that individuals will need to know to give immediate care to an ill or injured person until more advanced medical care arrives.

Course No. 5018; OCAS 3310

Grade Level: 9,10,11,12

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Health: This is a comprehensive health course consisting of various units including, fitness, nutrition, dangerous dieting, weight control, substance abuse (drugs, alcohol and tobacco), diseases including a sub-unit on heart disease and the cardiovascular system. Students will develop knowledge of emotional and social growth issues with discussions of peer pressure, teen suicide, dating and divorce.

Course No. 3410; OCAS 3310

Grade Level: 9,10,11,12

Length of Course: Semester

Prerequisite: None

Program Eligibility: None

Athletic Training: Serve as Student Athletic Training Aide through the year. Students will assist the Head Athletic Trainer with the day-to-day operations of the Mustang High School Sports Medicine program and Athletic Training room(s). Requires time spent outside of the regular day with evening and weekend commitments as well. Completion of First-aid, Anatomy and/Physiology recommended.

Course No. 0845; OCAS 3330

Grade Level: 10, 11, 12

Length of Course: Year

Prerequisite: Instructor Approval, Approved application

Program Eligibility: None

TEAM SPORTS

The following will require time spent outside of the regular school day. These sports are competitive, not beginning or recreational activities. Try-outs or coach approval may be required in order to enroll. Any sport with an off-season "Athletics" will also require coach approval in order to enroll.

Baseball 0829
 Girls Basketball 0803
 Boys Basketball 0823
 Cheer 0858 *fall sem*
 Girls Cross Country 0806 *fall semester*
 Boys Cross Country 0813 *fall semester*
 Football 0820
 Senior Football 0821 *semester*
 Girls Golf 0827
 Boys Golf 0826
 Pom 0880 *fall sem*
 Girls Soccer 0811 *spring semester*
 Off Season Girls Soccer/Athletics 0895 *fall sem*
 Boys Soccer 0810 *spring semester*
 Off Season Boys Soccer/Athletics 0895 *fall sem*
 Softball 0812
 Swimming 3953
 Girls Tennis 0824 *spring semester*
 Off Season Tennis/Athletics 0895 *fall sem*
 Boys Tennis 0825 *spring semester*
 Off Season Tennis/Athletics 0895 *fall sem*
 Girls Track & Field 0807 *spring semester*
 Boys Track & Field 0815 *spring semester*
 Volleyball 0804 *fall semester*
 Off Season Volleyball/Athletics 0895 *fall sem*
 Wrestling 0817