

# Chisholm High School

## Course Description Guide

### 2024-25

**Please choose courses carefully. Options for each grade level for the upcoming school year are listed on the student pre-enrollment sheet.**

**Courses highlighted in gray will not be available for selection this school year.**

## ENGLISH

### **English I (4045) 2 semesters – 1 unit**

Process includes skills and strategies used in listening, speaking, reading, writing, and viewing. Content includes the ideas, themes, issues, problems, and conflicts found in a genre of classical and contemporary literature and other texts, such as periodicals, speeches, and videos. Writing units will include responses to literary questions, personal, persuasive, descriptive, narrative essays, as well as journals.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman

### **English I Honors (4045H) Honors Class 2 semesters – 1 unit**

#### **CURRENT ENGLISH INSTRUCTOR APPROVAL REQUIRED**

Language arts should encompass process and content - how people communicate as well as what they communicate. This is a more rigorous course for students who wish to prepare for taking future Advanced Placement English classes. This course will incorporate the teaching and learning of listening, speaking, reading, writing, and viewing. Content includes the ideas, themes, issues, problems, and conflicts found in a genre of classical and contemporary literature and other texts, such as periodicals, speeches, and videos. Writing units will include personal, persuasive, descriptive, documented, and narrative essays as well as journals. Students will expand knowledge of the research skills necessary to access, analyze, and evaluate information. Classroom oral and visual presentations will be given. Students will use thinking skills to acquire and process written and auditory information for a variety of purposes. Excellent organizational skills and a strength in reading for multiple levels is required for success.

**Prerequisite(s):** Student must have an A or B in previous English class. Completion of assigned summer reading and passing test score over summer reading required.

**Grade Level Appropriate:** Freshman

### **English II (4048) 2 semesters – 1 unit**

This course will incorporate the teaching and learning of reading, writing, speaking, listening, and viewing. Students will read and respond to a variety of literary genres. Students will acquire the skills to enable them to be fluent, effective communicators. They will expand vocabulary through reading. Students will write in different forms for a variety of purposes and audiences to communicate effectively. Writing units will include responses to literary questions, narrative, descriptive, expository, and persuasive writing. Students will learn to understand and demonstrate the writing process and use the appropriate stages of prewriting, drafting, revising, editing, and publishing. Students will study grammar and demonstrate correct usage. Students will use thinking skills to acquire and process written and auditory information for a variety of purposes.

**Prerequisite(s):** Completion of English I

**Grade Level Appropriate:** Sophomore

**English II Honors (4048H) Honors Class 2 semesters – 1 unit**  
**CURRENT ENGLISH INSTRUCTOR APPROVAL REQUIRED**

This is a more rigorous course for students who wish to prepare for taking the Advanced Placement English classes. More emphasis will be given to writing. In addition, more lengthy reading assignments will be given. Pre-AP English II will incorporate the teaching and learning of reading, writing, speaking, listening, and viewing. Students will read and respond to a variety of literary genres. They will acquire the skills to enable them to be fluent, effective communicators. They will expand vocabulary through reading. Students will write in different forms for a variety of purposes and audiences to communicate effectively. Writing units will include responses to literary questions, narrative, descriptive, expository, and persuasive writing. Students will learn to understand and demonstrate the writing process and use the appropriate stages of prewriting, drafting, revising, editing, and publishing. Students will study grammar and demonstrate correct usage and apply those skills to the analysis of literature. Students will use thinking skills to acquire and process written and auditory information for a variety of purposes. Excellent organizational skills and a strength in reading for multiple levels is required for success.

**Prerequisite(s):** Student must have an A or B in previous English class. Completion of English I. Completion of assigned summer reading and passing test score over summer reading required.

**Grade Level Appropriate:** Sophomore

**English III (4051) 2 semesters – 1 unit**

This course involves the study of skills and strategies used in listening, speaking, reading, writing, and viewing. Content includes the ideas, themes, issues, problems, and conflicts found in classical and contemporary literature with an emphasis on American literature. Writing units will include personal, narrative, expository, process-analysis, and persuasive formats. In addition, students will develop the correct strategies and skills of writing a formal research paper.

**Prerequisite(s):** Completion of English I and II.

**Grade Level Appropriate:** Junior

**English III Honors (4051H) Honors Class 2 semesters – 1 unit**  
**CURRENT ENGLISH INSTRUCTOR APPROVAL REQUIRED**

This is a more rigorous course for students who wish to prepare for taking the Advanced Placement test during their senior year. This course involves the study of skills and strategies used in listening, speaking, reading, writing, and viewing. Content includes the ideas, themes, issues, problems, and conflicts found in classical and contemporary literature. More emphasis will be given to American literature, but other styles will be studied as well to expose students to literature often used on the AP exam. Writing units will include personal, narrative, expository, process-analysis, and persuasive formats. Students will begin to practice timed writings in the format of the AP essay questions. In addition, students will develop the correct strategies and skills of writing a formal research paper. Excellent organizational skills and a strength in reading for multiple levels is required for success.

**Prerequisite(s):** Student must have an A or B in previous English class. Completion of English English I and II. Completion of assigned summer reading and passing test score over summer reading required.

**Grade Level Appropriate:** Junior

**AP English Language and Composition (4010H) Honors Class 2 semesters – 1 unit**  
**CURRENT ENGLISH INSTRUCTOR APPROVAL REQUIRED**

Process includes skills and strategies used in listening, speaking, reading, writing, and viewing of non-fiction materials. Content includes the analyzing of ethos, pathos, and logos of ideas, themes, issues, problems, and conflict found in prose texts such as books, periodicals, speeches, printed images, and videos. Writing units will include synthesis (research paper), rhetorical analysis, and argument analysis. Students will demonstrate a mastery of skills and strategies including recognition of claims and evidence, in class discussion, analysis of prose, and presentations. This class will discuss

sensitive subjects that have strong opinions, but the class is not about your opinion - it is about facts; be prepared to discuss adult topics with respect.

**Prerequisite(s):** Student must have an A or B in previous English class. Completion of English I, English II, and English III, of which at least 2 must have been honors level. **Completion of assigned summer reading, passing score over summer assignments, and taking the AP exam in May are required.**

**Grade Level Appropriate:** Junior and Senior

#### **English IV British Literature and Composition (4054) 2 semesters – 1 unit**

Process includes skills and strategies used in listening, speaking, reading, writing, and viewing. Content includes the ideas, themes, issues, problems, and conflicts found in British classical and contemporary literature and other texts, such as periodicals, speeches, and videos. Writing units will include personal, persuasive, descriptive essays, as well as journals. Students will demonstrate a mastery of all skills and strategies in a research paper and projects.

**Prerequisite(s):** Completion of English I, English II, and III.

**Grade Level Appropriate:** Senior

#### **AP English Literature and Composition (4010H) Honors Class 2 semesters – 1 unit**

##### **CURRENT ENGLISH INSTRUCTOR APPROVAL REQUIRED**

Process includes skills and strategies used in listening, speaking, reading, writing, and viewing. Content includes the ideas, themes, issues, problems, and conflict found in British and world classical and contemporary literature and other texts, such as periodicals, speeches, and videos. Writing units will include personal, persuasive, descriptive essays, as well as journals. Students will demonstrate a mastery of all skills and strategies in a research paper, literature related projects, and presentation skills.

**Prerequisite(s):** Student must have an A or B in previous English class. Completion of English I, English II, and English III, of which at least 2 must have been honors level. **Completion of assigned summer reading, passing test score over summer assignments, and taking the AP exam in May are required.**

**Grade Level Appropriate:** Senior

## **MATHEMATICS**

#### **Algebra I (4411) 2 semesters – 1 unit**

Algebra I is the foundation for all high school mathematics courses. It is the bridge from the concrete to the abstract study of mathematics. Topics covered in Algebra I include analyzing, solving and graphing linear, quadratic, and exponential functions; equations and inequalities; operations with polynomials and radicals; absolute value functions, parent functions, as well as advanced expression and data analysis. The use of a scientific and graphing calculator is incorporated into the curriculum.

**Prerequisite(s):** Pre-algebra

**Grade Level Appropriate:** Freshman

#### **Geometry (4530) 2 semesters – 1 unit**

This course addresses all the classic geometry topics, i.e., proofs, congruency, similarity, polygons, and circles. Additionally, it introduces the basics of trigonometry such as sine, cosine, and tangent.

**Prerequisite(s):** Algebra I

**Grade Level Appropriate:** Freshman or Sophomore

**Geometry Honors (4530H) Honors Class 2 semesters – 1 unit****CURRENT MATH INSTRUCTOR APPROVAL REQUIRED**

This course addresses all of the classic geometry topics, i.e., proofs, congruency, similarity, polygons, and circles. Additionally, it introduces the basics of trigonometry such as sine, cosine, and tangent. Exams given in the Honors Geometry class are more difficult than those given in Plane Geometry.

**Prerequisite(s):** Algebra I

**Grade Level Appropriate:** Freshman or Sophomore

**Intermediate Algebra (4418) 2 semesters – 1 unit**

**This class does NOT count as a math course if you are enrolled in the College Prep/Work Ready Curriculum.**

This course is designed to strengthen the skills and broaden the concepts learned in Algebra I, as well as provide an introduction into the essential topics of Algebra II. It is designed for students who have completed Algebra I and Geometry, yet require additional review and math practice before enrolling in an Algebra II class. The curriculum of Intermediate Algebra provides the content and rigor required to qualify as a graduation requirement by the Oklahoma State Board of Education. It is not an Algebra II credit. The use of a scientific calculator is permitted but is not necessary.

**Prerequisite(s):** Algebra I, Geometry

**Grade level Appropriate:** Sophomore, Junior or Senior

**Algebra II (4412) 2 semesters – 1 unit**

Algebra II is an intensive, upper level mathematics course designed for the serious and motivated college-bound student. It is the minimum required mathematics course needed to enter many universities. The Algebra II curriculum complements and expands the mathematical content and concepts of Algebra I and Geometry. It emphasizes the critical thinking skills necessary for solving, graphing, and analyzing polynomial functions, inequalities, systems of equations, exponential and logarithmic functions, rational functions, radical functions, trigonometric functions, and conic sections. Also included is the study of the complex number system, probability, data analysis, statistics, sequences and series, and trigonometric relationships and properties. Class activities will incorporate problem solving competencies in algebraic operations, communicating mathematical thinking, and modeling algebraic reasoning in real-life situations. This course is designed to prepare students for Trigonometry and Pre-calculus, as well as College Algebra. The use of a scientific and graphing calculator is incorporated into the curriculum.

**Prerequisite(s):** An A or B in Algebra I and Geometry (Consideration will be given to PSAT & State Assessments)

**Grade Level Appropriate:** Sophomore, Junior, or Senior

**Algebra II Honors (4412H) Honors Class 2 semesters – 1 unit**

**CURRENT MATH INSTRUCTOR APPROVAL REQUIRED-You must have an A in Algebra I and Geometry to enroll in this class. You must also complete an Honors Algebra II summer homework and preparation plan.**

**Grade Level Appropriate:** Sophomore or Junior

Honors Algebra 2 is an accelerated course that is designed for those students who have demonstrated a high level of motivation and ability in previous math courses. This is an extremely rigorous, fast-paced course that reinforces and extends the students' understanding of algebra. Honors Algebra II emphasizes critical thinking in the study of functions, which includes quadratic, power, polynomial, exponential, logarithmic, rational, radical and trigonometric functions. Other topics include algebraic vocabulary, variations and graphs, complex numbers, conic sections, sequences, probability, statistics, and trigonometry, with as many applications as possible. The course sets the stage for a higher-level study of mathematics. It requires a greater degree of independence and competence in critical thinking and communicating mathematically. The use of a graphing calculator is encouraged.

**Prerequisite(s):** An A in Algebra I and Geometry, as well as successful completion of an Honors Algebra II summer homework and preparation plan.

**Grade Level Appropriate:** Sophomore or Junior

**Statistics and Probability (4740) 2 semester - 1 unit****AVAILABLE THROUGH OSSM @ AUTRY TECHNOLOGY CENTER AND APPLICATION PROCESS**

Statistics and Probability is a fourth mathematics course option for students who have completed Algebra II. This course is designed to prepare students for success in postsecondary careers and college courses in a world where all adults need statistical literacy - concepts of data analysis, statistics, and probability - to make informed decisions in life and work. Students build on the conceptual knowledge and skills they mastered in previous mathematics courses in Pre-Kindergarten through Grade 8, Algebra I, Geometry, and Algebra II. This course prepares students for colleges and careers, but is **not** designed to prepare students for a College Board Advanced Placement exam.

**Prerequisite(s):** Algebra II

**Grade Level Appropriate:** Junior or Senior

**Trigonometry (4750H) Honors Class 1 semester – 1/2 unit****CURRENT MATH INSTRUCTOR APPROVAL REQUIRED**

This course bridges the gap between Algebra II and Pre-calculus. The course of study begins with understanding the fundamental trigonometric ratios of sine, cosine, and tangent. Then, students explore right triangle trigonometry, inverse trigonometric functions, trigonometric identities, vectors, complex numbers, exponential functions, logarithmic functions, conic sections, and polar coordinates. Use of the TI-83 Plus or TI-84 graphing calculator is extensive. Students who complete this course are ready for precalculus and in some cases, calculus.

**Prerequisite(s):** Algebra II

**Grade Level Appropriate:** Junior or Senior

**Pre-Calculus (4611H) Honors Class 1 semester– ½ unit****CURRENT MATH INSTRUCTOR APPROVAL REQUIRED**

This is an honors course graded on a 5.0 scale. It uses the Key Curriculum Press Precalculus text. It addresses higher-level math concepts, an understanding of which is needed to successfully complete the calculus course the next year. Examples of concepts taught are exponential and logarithmic functions, trigonometric concepts, and polynomial and rational functions. Students are also schooled extensively in the use of probability and matrices. Students will become comfortable with the TI-83 Plus or TI-84 graphing calculator. Students who complete this course are prepared for college level math courses through and including college calculus.

**Prerequisite(s):** Honors Algebra II or Trigonometry

**Grade Level Appropriate:** Junior or Senior

**AP Calculus AB (4615H) Honors Class 2 semesters – 1 unit****AVAILABLE THROUGH OSSM @ AUTRY TECHNOLOGY CENTER AND APPLICATION PROCESS**

This course addresses higher-level calculus concepts found in college Calculus I and II courses. Examples of concepts taught are limit theory, differentiation, integration, application of calculus to physics, and power series. Students must have a good working knowledge of the TI-83 Plus or TI-84 graphing calculator. Students who complete this course must take the AP Calculus AB Test at the end of the academic year if desiring to receive honors credit for the course. Those who successfully complete this course are prepared for college courses at the Calculus I level and above.

**Prerequisite(s):** Pre-calculus, Students must take the AP exam in May to receive honors credit

**Grade Level Appropriate:** Senior

**Math of Finance (4771) 2 semesters – 1 unit**

**This class does NOT count as a math course if you are enrolled in the College Prep/Work Ready Curriculum.**

In this course students will use and extend the skills taught in Algebra I to help in managing finances. This program encourages active involvement by constructing and applying mathematical ideas through business and consumer themes. Since decision-making is a major thrust, students are encouraged to use calculators as tools for learning and doing mathematics.

**Prerequisite(s):** Two years of math, Algebra I and above

**Grade Level Appropriate:** Junior or Senior

## SCIENCE

**Physical Science (5160) 2 semesters – 1 unit**

This course is an introductory general science course that helps students understand structures and properties of matter and changes that occur in the natural world. The first section of physical science focuses on the study of chemistry and covers the nature of science, matter, atoms, elements, the periodic table, chemical bonding and reactions, radioactivity, and nuclear reactions. The second section focuses on the study of physics and covers motion and forces, Newton’s three laws, energy, heat, waves, sound, light, electricity, and magnetism.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman or Sophomore

**Honors Physical Science (5160H) Honors Class 2 semesters - 1 unit****CURRENT SCIENCE TEACHER'S APPROVAL**

This class will provide a more rigorous course of study of the physical world and its components through an extension of the topics covered in physical science and chemistry. An emphasis of labs and projects will be the focal point of this class.

**Prerequisite(s):** “A” in 8th grade science or above

**Grade Level Appropriate:** Junior and Senior.

**Biology I (5031) 2 semesters – 1 unit****CURRENT SCIENCE INSTRUCTOR APPROVAL REQUIRED FOR FRESHMEN**

The focus of this class is the study of life, from the basics of molecular biology to the comprehensive study of organisms. This class will provide students with an understanding of living organisms and their relationship with the environment in which they live. This class is required for graduation.

**Prerequisite(s):** “A” or “B” in 8th grade science or completion of Physical Science

**Grade level appropriate:** Freshman or Sophomore

**Honors Biology I (5031H) Honors Class 2 semesters – 1 unit****CURRENT SCIENCE INSTRUCTOR APPROVAL REQUIRED FOR FRESHMEN**

This class is an accelerated laboratory/lecture course for the highly motivated and academically talented science student. The skills and concepts the students learn are those necessary to be successful in Advanced Placement Biology. Pre-AP Biology students should have an above average ability in science and mathematics as well as strong reading comprehension skills. The course will require more out of class assignments and a more rigorous in class schedule of work than the Biology I class. Students will ultimately be responsible for their learning; therefore, they should be organized, prepared, and motivated to learn everyday. The course of study will include the following topics – a brief review of chemistry, biochemistry, cellular biology, heredity and molecular genetics, evolution, structure and diversity of organisms, behavior, and ecology. Scientific writing and problem solving are integrated into the course work.

**Prerequisite(s):** “A” in 8th grade science

**Grade level appropriate:** Freshman, Sophomore, Junior, Senior

**Chemistry I (5051) 2 semesters – 1 unit**

Students will cover the major topics of chemistry and develop the skills necessary for post-secondary success. Students will engage in many hands-on projects to emphasize high-order thinking skills and develop scientific process skills such as observing, predicting, and measuring, as well as writing and communication skills.

**Prerequisite(s):** Algebra I, Physical Science and/or concurrent enrollment in Biology

**Grade Level Appropriate:** Sophomore, Junior, Senior

**Chemistry II (5052) 2 semesters – 1 unit**

This course follows Chemistry I. Chemistry II builds on the general concepts from general chemistry, including dimensional analysis, thermochemistry, gas laws, reaction rates, and bonding. Students in Chemistry II will cover units in acids and bases, the chemistry of the periodic table, and organic chemistry.

**Prerequisite(s):** Chemistry I

**Grade Level Appropriate:** Junior or Senior

**Botany (5040) 1 semester – ½ unit**

**Co-Enrollment in Zoology (5240) is required.**

This lab course will expand on the basic principles taught in Biology I and relate structure to function in the plant kingdom. Themes will include the structure and function of plants, genetics, diversity, and ecology of plants.

**Prerequisite(s):** Biology I

**Grade Level Appropriate:** Sophomore, Junior, Senior

**Zoology (5240) 1 semester – ½ unit**

**Co-Enrollment in Botany (5040) is required.**

This lab course is an investigation of some of the major phyla of the animal kingdom. Morphology, taxonomy, anatomy, and physiology will be investigated. Comparative studies may be addressed during laboratory observations and dissections.

**Prerequisite(s):** Biology I

**Grade Level Appropriate:** Sophomore, Junior, Senior

**Forensic Science (5334) 2 semesters – 1 unit**

This course combines earth science, biology, chemistry, physics, math and psychology to relate to the success of forensic science. Students will investigate the history of real-life crimes and utilize case studies to challenge thought processes. The course also emphasizes career opportunities and what to expect from a career in forensic science.

**Prerequisite(s):** Biology I, Chemistry I

**Grade Level Appropriate:** Junior, Senior

**Horticulture (2614) 2 semesters – 1 unit**

**This class does NOT count as a science course if you are enrolled in the College Prep/Work Ready Curriculum.**

Students will engage in learning about plant structure and function as well as growth, propagation and maintenance of a variety of plant species throughout the year. Students must be willing to get dirty and perform manual labor.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

**Earth and Space Science (5061) 2 semesters – 1 unit**

This lab course is about Earth and its place within the solar system and universe. It includes the study of the Earth's land, oceans, atmosphere, and all the life that lives there from animals to plants. It includes the water cycle, the carbon cycle, the rock cycle, and anything that gradually affects the Earth over time. Students will also learn about the Earth's position in the solar system and explore the solar system and universe as a whole.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

**Physiology (5220H) Honors Class 2 semesters – 1 unit****Alternates with AP Biology**

The scope of this class is to introduce the complexity of the human body. A considerable amount of memory work will be involved in the anatomy portion of this class. The physiology portion of this class will provide an understanding of the function of various aspects of the human body. This class is intended for students who have an interest in the medical profession or would like a better understanding of the workings of the human body.

**Prerequisite(s):** Biology I or Biology I Honors

**Grade level appropriate:** Junior or Senior

**AP Biology (5035H) Honors Class 2 semesters – 1 unit****Alternates with Physiology****CURRENT SCIENCE INSTRUCTOR APPROVAL**

This class is an extension of Biology presented at a college or post secondary education level. Students will engage in numerous lab activities and a vast array of content during lectures that will prepare them for the AP exam. Students must approach this class with an understanding that the rigors of this class go beyond the normal time requirements of a high school course.

**Prerequisite(s):** Biology I Honors, Chemistry, and taking the AP exam in May are required to receive honors credit.

**Grade level appropriate:** Sophomore, Junior, or Senior

**Physics I (5211) 2 semesters – 1 unit****AVAILABLE THROUGH OSSM @ AUTRY TECHNOLOGY CENTER AND APPLICATION PROCESS**

Physics is a science course that relies heavily on mathematics for solving physics problems. For this reason, students who take physics need a background in trigonometry. The course addresses all the classic topics of physics: mechanics (statics), light, sound, electricity, magnetism, thermodynamics, fluid dynamics, and nuclear physics. Students will gain a complete understanding of force, work, momentum, and energy. Newton's Laws and Kepler's Laws are taught as basics for understanding. Exams are frequent. Students will take exams three weeks of every four weeks.

**Prerequisite:** Algebra II

**Grade Level Appropriate:** Junior and Senior.

## SOCIAL STUDIES

**Oklahoma History (5615) 1 semester – ½ unit****Co-Enrollment in U.S. Government (5541) is required.**

This course is a semester in length and is a chronological narrative of Oklahoma History. Several recurring themes will be highlighted – such themes include growth of state unity, diversity of population, development of democratic institutions, war involvement, and civil strife. Dynamic people and events that have shaped our state shall be discussed in-depth and filmstrips will be used when appropriate to reinforce learning. Appropriate note taking, listening, reading, writing, and discussion skills are needed to excel in this class.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman

**U.S. Government (5541) 1 semester – ½ unit****Co-Enrollment in OK History (5615) is required if a Freshman****Co-Enrollment in Economics (5521) is required if a Senior**

This course is one semester in length. The purpose of this class is to enable students to perceive and understand both the dynamics of political change and those structures and patterns that reinforce the stability of our system. Students will gain



a comprehensive understanding of our system and its historical roots while at the same time catching the excitement of current political events. Students will also understand the powers and limitations of the branches of government.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Senior

### **World History (5731) 2 semesters – 1 unit**

In order to expose the students to as much material as possible, the course will begin with the prehistoric period and extend through the Cold War period. Students will be exposed to the world's major cultural regions, but in the interest of time, emphasis will be placed on Western Civilization. Study of world history will be cross-disciplined with the study of geography and current events. Basic geography will also be reviewed. In order to meet the art competency, emphasis will be placed on the study of art history. This course will also meet the competencies for music.

**Prerequisite(s):** None

**Grade Level Appropriate:** Sophomore

### **U.S. History (5410) 2 semesters – 1 unit**

This course is designed to enhance and extend students' knowledge of American history through the use of maps, charts, graphs, and tables, as well as textbook readings to successfully acquire and process historic information. The main focus is history from the Civil War to the present. Course content is also intended to help students develop an appreciation for the history of the United States, and discover how past events directly or indirectly affect the country's past, present, and future. Identifying and correlating people, places, things, and dates as well as understanding their significance are important course objectives.

**Prerequisite(s):** None

**Grade Level Appropriate:** Junior

### **Economics (5521) 1 semester – ½ unit**

**Co-Enrollment in U.S. Government (5541) is required.**

This course is one semester in length. Our American Free Enterprise System is based on the free exercise of individual choice. Because of the increasing number and complexity of choices we must make each day, the economic education of American citizens

has become a matter of concern. The study of economics exposes students to the basic principles of free enterprise and helps them make more informed choices. Because the course is only a semester in length, the emphasis is on microeconomics. Students learn to apply economic concepts to the real world through guest speakers, field trips, the Stock Market Simulation, and current events. Budgeting, small business plans, as well as building a home will be projects which may be completed in an economics course.

**Prerequisite(s):** None

**Grade Level Appropriate:** Senior

### **AP European History (5735) 2 semesters - 1 unit**

**CURRENT ENGLISH OR SOCIAL STUDIES TEACHER'S APPROVAL**

This is an in-depth review of major developments in modern European history. Special emphases are placed upon the political-diplomatic, social-economic, and intellectual-cultural histories of the European countries. Students are expected to demonstrate knowledge of basic chronology and major events from the Renaissance (around 1450) to the Present. The goals of this class are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence, and (c) an ability to analyze and express historical understanding in writing. Excellent organizational skills and a strength in reading at a high level is required for success.

The content of the course follows Advanced Placement guidelines of the College Entrance Examination Board; consequently, instruction will be given at the college level. Students are required to take the AP Exam for Honors Credit.

Textbook: Spielvogel, Jackson J., Western Civilization, Belmont, CA: Wadsworth/Thomson Learning, 8<sup>th</sup> edition, 2012.

**Prerequisite(s)** None

Teacher approval and completion of assigned summer reading may be required.

**Grade Level Appropriate:** Sophomore, Junior, Senior

**AP United States History (5415) 2 semesters - 1 unit****CURRENT ENGLISH OR SOCIAL STUDIES TEACHER'S APPROVAL**

This is an in-depth review of major developments in American history from 1491 through the present day. The course is divided into two semesters. Students are expected to demonstrate knowledge of the basic chronology and major events in American history from the Discovery of the New World to the present. The goals of this class are to develop (a) an understanding of some of the principal themes in American history, (b) an ability to analyze historical evidence, and (c) an ability to analyze and express historical understanding in writing. Excellent organizational skills and a strength in reading at a high level is required for success. The content of the course follows Advanced Placement guidelines of the College Entrance Examination Board; consequently, instruction will be given at the college level. Students are required to take the AP Exam for Honors Credit.

Textbook: AMSCO United States History Advanced Placement Edition, 2020

**Psychology (5641) 1 semester ½ unit****Co-Enrollment in Sociology (5720) is required**

Broad survey of psychological science including: sensation and perception; learning, memory, intelligence, language, and cognition; emotions and motivation; development, personality, health and illness, and social behavior. Discusses relations between the brain, behavior, and experience. This course emphasizes science as a process of discovering both new ideas and new empirical results.

**Prerequisite(s)** None

**Grade Level Appropriate** Junior and Senior

**Sociology (5720) 1 semester ½ unit****Co-Enrollment in Psychology (5641) is required**

This course is an introduction to sociological perspectives and research. We will discuss how the field developed, what sorts of questions sociologists hope to answer, the approaches they take to those ends, and several topics of research. Specifically, we will touch on classical and modern sociology, methods, culture, socialization, groups, deviance, stratification, gender, education, religion and others.

**Prerequisite(s)** Junior and Senior

**Grade Level Appropriate** Junior and Senior

## **ELECTIVES - AGRICULTURE**

**AgriScience I (8004) 2 semesters - 1 unit**

Students are introduced to the broad scope of agriculture and agriculture related industries. Students will learn the importance of agriculture in our daily lives. During the first semester students study animal science, while plant science is the focus of study during the second half of the year. Livestock diseases, parasites, body systems, feeding, and nutrition are studied. Animal welfare and health as it relates to human health and food safety, are covered as well as career exploration in animal and health sciences. Plant science, soil science, pesticides, entomology, and environmental issues are presented along with the growing career opportunities in these fields.

**Prerequisite(s):** None

**Fees:** A \$12.00 participation fee in FFA is required.

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**AgriScience II (8005) 2 semesters - 1 unit**

Although this course is not a part of the career pathways, it can still be offered as a course to introduce students to the content that leads to a Career Development Event. A student can specialize in five areas: Animal Science, Plant and Soil Science, Food Science, Ag Power and Technology, and Agricultural Communications and Leadership.

**Prerequisite(s):** AgriScience I

**Fees:** A \$12.00 participation fee in FFA is required.

**Grade Level Appropriate:** Sophomore, Junior, or Senior

**Introduction to Animal Science (8012) 2 semesters - 1 unit**

Students learn information, knowledge, and skills associated with careers in animal production and animal science. This curriculum provides laboratory, lecture, and competitive activities through the FFA to students interested in veterinary medicine, livestock production and nutrition, genetics, and laboratory techniques.

**Prerequisite(s):** AgriScience I

**Fees:** A \$12.00 participation fee in FFA is required.

**Grade Level Appropriate:** Sophomore, Junior, or Senior

**Introduction to Power & Technology (8009) 2 semesters - 1 unit**

This class provides students with basic mechanical skills. Subjects covered include: gas, arc, and mig welding, measuring, using, and identifying power and using hand tools. Students are required to complete a safety exam with 100% accuracy before performing hands-on skills.

**Prerequisite(s):** AgriScience I

**Fees:** A \$12.00 participation fee in FFA is required.

**Grade Level Appropriate:** Sophomore, Junior, or Senior

**Agriculture Power and Technology (8010) 2 semesters - 1 unit**

This class provides students with more advanced mechanical skills. Subjects covered include: gas, arc, and mig welding, measuring, using, and identifying power and using hand tools. Students are required to complete a safety exam with 100% accuracy before performing hands-on skills.

**Prerequisite(s):** AgriScience I, Introduction to Agricultural Mechanics and Power

**Fees:** A \$12.00 participation fee in FFA is required.

**Grade Level Appropriate:** Sophomore, Junior, or Senior

**Agricultural Leadership and Personal Development (8023) 2 semesters - 1 unit**

**Alternating Class: Offered 2014-15.**

This class includes participation in proficiency award program, chapter awards program, development and upkeep of chapter website. Students will create video and computer graphics presentations. Personal appearance, health and ethics issues will be discussed.

**Prerequisite(s):** AgriScience I

**Fees:** A \$12.00 participation fee in FFA is required.

**Grade Level Appropriate:** Sophomore, Junior, or Senior

**Introduction to Agricultural Communications (8022) 2 semesters - 1 unit**

This class is the study of Ag Communication. It focuses on public speaking, writing news articles, creating radio ads, TV interviews, and resume writing. Students can enter Ag Communication contests through participating in this class.

**Prerequisite(s):** AgriScience I

**Fees:** A \$12.00 participation fee in FFA is required.

**Grade Level Appropriate:** Sophomore, Junior, or Senior

## ELECTIVES - COMPUTER TECHNOLOGY

### **Aviation II (8875) 2 semesters - 1 unit**

In the first semester, students understand how aircraft are categorized, be able to identify their parts, and learn about aircraft construction techniques and materials, and gain an in-depth understanding of the forces of flight, including how to make key calculations. Students will then touch on aircraft design and take an in-depth look at the systems that make crewed and uncrewed aircraft work. They will also learn about flight instruments, basic troubleshooting, and aircraft flight manuals and documents. This course is certified to meet the computer science credit listed in the current college entrance requirements.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

### **Aviation III (8876) 2 semesters - 1 unit**

This course is foundational for both crewed and uncrewed aviation. It will prepare students to take either the FAA Private Pilot Knowledge Test or the Part 107 Remote Pilot Knowledge Test. Topics include preflight procedures, airspace, radio communications, aviation terminology, regulations, airport operations, aviation safety, weather, cockpit management, and emergency procedures. In the second semester, students will cover pilot and aircraft qualifications, cross-country flight planning, weight and balance, performance and limitations, human factors, chart use, night operations, navigation systems, and aeronautical decision-making. Students will be provided the opportunity to participate in multiple practice examinations. This course is certified to meet the computer science credit listed in the current college entrance requirements.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

### **Computer Science I (2551) 2 semesters - 1 unit**

This course provides students the core skills, principles, techniques, technology, and attitudes necessary for success in today's fast-paced business world. Business software covered in this course includes: Microsoft and Google. Internet Resources and Safety and basic multimedia applications will also be covered. Students will complete various individual and group projects throughout the course. This course is certified to meet the computer science credit listed in the current college entrance requirements.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

### **Computer Science II (2552) 2 semesters - 1 unit**

This course provides students with the advanced skills, principles, techniques, technology, and attitudes necessary for success in today's fast-paced business world. Students receive comprehensive instruction in Microsoft and Google Applications. Students will complete various individual and group projects throughout the course. This course is certified to meet the Computer credit listed in the current college entrance requirements.

**Prerequisite(s):** Computer Science I

**Grade Level Appropriate:** Sophomore, Junior, or Senior

### **Digital Media (2557) 2 semesters - 1 unit**

This course is a two-semester sequence that introduces key media specializations: audio, video, animation, and game design. That provides an overview of this course. Students tell stories (fictional and documentary) through media while learning basic technical knowledge and skills in these four areas. Audio & Video: Students build skills in pre-production, production, and post-production tasks as they create audio and video documentary stories. Animation & Game Design: With solid experience in creating audio and video, students turn to telling fictional stories through animation and video games.

**Prerequisite(s):** Computer Science I

**Grade Level Appropriate:** Sophomore, Junior, or Senior

## ELECTIVES - FINE ARTS

### **Art I (2808) 2 semesters – 1 unit**

Students will create original works of art with a variety of art media from observation, memory, and imagination in both two and three-dimension. Students will analyze the interrelationship of the elements and principles of design in their own work and the work of Masters. Students will compare cultural and ethnic art forms throughout the world that have influenced the visual arts.

**Prerequisite(s):** None

**Fee:** \$15.00 class fee for materials

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

### **Art II (2809) 2 semesters – 1 unit**

Students will create more advanced works of art from observation, memory, and imagination in both two and three-dimensions. Students will begin to work toward development of a personal style while using a variety of media. Students will use art history as inspiration for original artwork.

**Prerequisite(s):** Art I

**Fee:** \$15.00 class fee for materials

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

### **Art III (2810) 2 semesters – 1 unit**

#### **INSTRUCTOR APPROVAL REQUIRED**

Students will create original works of art in an intense studio setting. These works will include, but are not limited to, a series of self-portraits and a development of a concentration theme. Students will analyze their own use of the elements and principles of design. Students will focus on their own technical skill and develop a personal style. This is a class for serious art students.

**Prerequisite(s):** Art I and Art II, and Instructor approval

**Fee:** \$15.00 class fee for materials

**Grade Level Appropriate:** Junior or Senior

### **Art IV (2811) 2 semesters – 1 unit**

#### **INSTRUCTOR APPROVAL REQUIRED**

Students will create original works of art in an intense studio setting. This course is designed for serious art students who are independent workers. Students will send their own work to various art competitions. Students will work on critiquing their own artwork and the work of fellow classmates using the elements and principles of design. Students will focus on their own technical skill and developing a personal style. This is a class for serious art students.

**Prerequisite(s):** Art I, Art II, and Art III, and instructor approval

**Fee:** \$15.00 class fee for materials

**Grade Level Appropriate:** Senior

### **Arts and Crafts I (2821) 1 semester – ½ unit**

#### **Co Enrollment in another Semester long course is required.**

An introduction to the elements and principles of design with an emphasis on project based learning. Students will be creating pieces with a variety of media, such as fiber art, books, mosaic tile, and paper mache. These pieces will be two-dimensional and three-dimensional in nature.

**Prerequisite(s)** - none

**Fee:** \$15.00 class fee for materials

**Grade Level Appropriate:** Freshman, Sophomore, Junior or Senior

**Film Studies (2910) 1 semester - ½ credit**

This class will explore world culture and social history through the medium of film and other mediums of mass culture. Students will view a variety of films arranged in chronological order focusing on important eras in world history. The class will discuss and write about these films as primary documents within a historical context and as manifestations of popular culture.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

**Humanities I (2954) 2 semesters - 1 unit**

This is a survey course that attempts to introduce students to the different periods of art associated with western culture. Students will be expected to identify certain composers and artists associated with the defined time periods.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

**Instrumental Music I, II, III, IV (3001, 3002, 3003, 3004) 2 semesters – 1 unit**

This yearlong course focuses on continued development of performance on a brass, woodwind, or percussion instrument. Students also develop critical listening skills, an understanding of musical elements, and the ability to read music notation. In the fall, students perform for parades, all CHS home football games and selected away games as members of the marching band. Concert band begins at the end of football season. In concert band, students perform for concerts and competitions. Band students also have the opportunity to perform solos and ensembles for contests. There are required rehearsals and performances outside of the school day.

**Prerequisite(s):** None

**Fee:** \$40.00 (covers uniform cleaning and honor band audition)

**Grade Level Appropriate:** Freshman, sophomore, Junior, or Senior

**Instruments – Strings (Beginning Classical Guitar) (3031) 2 semesters – 1 unit**

Learn to read and perform music for the classical acoustic guitar. This will include basic guitar methodology, music theory, tuning, and elements of music including dynamics, pitch, key, tempo and various styles. In addition to daily participation, practice, and composition assignments, students will be required to perform at a minimum of two performances set by the instructor during the year.

**Prerequisite(s):** A six string acoustic guitar in good working order and the purchase of a guitar method book.

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**Instruments – Strings (Advanced Classical Guitar) (3032) 2 semesters – 1 unit**

This class is a continuation of Beginning Classical Guitar. Students will read and perform music for the classical acoustic guitar. This includes guitar methodology, music theory, tuning, and elements of music including dynamics, pitch, key, tempo, and various styles. In addition to daily participation, practice, and composition assignments, students will be required to perform at a minimum of two performances set by the instructor during the year.

**Prerequisite(s):** A six string acoustic guitar in good working order, the purchase of a guitar method book, completion of Beginning Classical Guitar or instructor audition.

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**Jazz Studies (3022) 1 semester – ½ unit**

**Co-Enrollment in Music Theory (3054) is required.**

This semester course will focus on individual training in jazz studies. Improvisation, jazz theory and style will be taught in a class setting through performance on a jazz instrument. A basic ability on your instrument at the high school level will be required to enroll.

**Prerequisite(s):** none

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

**Music Appreciation (3053) 1 semester – ½ unit**

**Co-Enrollment in General Music (3015) is required.**

This course will provide students with an understanding of musical elements, instruments, and voice classifications to aid in critical listening. The course also covers the culture and development of Western music from the Middle Ages to the present. Students will learn the roles of audiences, performers, and music critics in performance. Other topics will be selected from world music styles, jazz, rock, country, and hip-hop.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**General Music (3015) 1 semester – ½ unit**

**Co Enrollment in Music Appreciation (3053) is required.**

This semester-long course will cover general music theory and concepts at a beginning level including standard music notation, rhythm, pitch, dynamics, articulations, and phrasing to reach a level to allow basic performance competence.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

**Music Theory (3054) 1 semester – ½ unit**

**Co-Enrollment in Jazz Studies (3022) is required.**

This course will cover the basic concepts of how music is read, written, and manipulated with a focus on preparing high school music students for college Music Theory I.

**Prerequisite(s):** none

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

**Vocal Music I, II, III, IV (3071, 3072, 3073, 3074) 2 semesters – 1 unit**

The Chisholm High School Chorus is a vocal ensemble of mixed (SATB) voices. Particular emphasis is placed on individual progress through participation in Honor Choirs and competitive solo and ensemble events.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

## **ELECTIVES - FOREIGN LANGUAGE**

**Spanish I (3161) 2 semesters – 1 unit**

Spanish I is an entry level Foreign Language course. In this course students learn to communicate familiar topics, understand key words in written material, comprehend the main idea of a selected short, authentic written materials and learn how to respond to simple commands. Students will also learn present and preterite tenses and be expected to communicate at the novice level by the end of the course. Spanish culture is woven into the curriculum throughout the school year.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**Spanish II (3162) 2 semesters – 1 unit**

Spanish II students build on the curriculum learned in Spanish I. This course teaches verb conjugation in the preterit and imperfect tenses and explores irregular verb forms. Students also learn how to use command forms when speaking in Spanish. Culture is taught in the target language throughout the school year. Students are expected to communicate at a high novice level to intermediate level upon completion of this course.

**Prerequisite(s):** Spanish I

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**Spanish III (3163) 2 semesters – 1 unit**

Spanish III students build on the curriculum learned in Spanish I and Spanish II. This course teaches the future tense and introduces the subjunctive tense. Students learn vocabulary geared toward the college bound student and how to apply Spanish to everyday life. Students are expected to communicate at the intermediate level upon completion of this course.

**Prerequisite(s):** Spanish II with a “B” average with instructor approval.

**Grade Level Appropriate:** Sophomore, Junior, or Senior

**Spanish IV (3164) 2 semesters – 1 unit**

Spanish IV is an advanced Spanish class that combines all of the vocabulary, grammar and culture from Spanish III, II, and I. In this class students will learn advanced grammar structures and will learn how to use Spanish effectively. Students will read stories, write papers and focus on how to communicate in Spanish. This class will require some independent study time due to the fact that it is combined with a Spanish III class.

**Prerequisite(s):** Spanish III with a “B” average with instructor approval

**Grade Level Appropriate:** Junior or Senior

## ELECTIVES - GENERAL

**Applied Communication (4250) 1 semester - 1/2 unit**

Students will focus on professional writing and prepare for entering the workplace. The class will cover the writing of cover letters, resumes, educational plans, a philosophy for education and the workplace, in addition to other projects that will help them develop a strong and organized plan for their future. The class will also cover grammar and sentence development, which will provide them with the review and learning of proper grammar to use in their writing. By the end of the course students should feel confident in their writing as well as a plan for their continued time in high school and beyond

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshmen, Sophomore, Junior, or Senior

**Communications (2750) 1 semester - ½ unit**

Students will explore film as a mode of communication. Films have an influence on our attitudes and perceptions of the world around us. In fact, films tell stories that help society shape and communicate its values. Students will view, study, discuss and write about film. Students will look at the process in which films are constructed and how that impacts the overall message the film is displaying. The development of cultural awareness through analyzing films will serve them well in their education of society and the world beyond high school.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshmen, Sophomore, Junior, or Senior

**Internship I (2790) & II (2791) 2 semesters - 1 unit**

These courses provide work-based activities in which students engage in learning through practical and relevant experiences, paid or unpaid, at various sites. Internships are targeted to the students' meaningful future plans and allow



high school students the opportunity to explore careers that require additional degrees, certifications, or on-the job training following high school. Students must be capable of assuming a mature professional role in an organization and provide their own transportation.

**Prerequisite(s):** None

**Grade Level Appropriate:** Junior or Senior

### **Intro to Leadership (2745) 1 semester - ½ unit**

Students will be introduced to different styles of leadership with an emphasis on service leadership. Students will study habits of effective leaders and identify personal goals. Leadership activities require students to work in groups and be able to share responsibilities.

**Prerequisite(s):** none

**Grade Level Appropriate:** Freshman, Sophomore, Junior or Senior

### **Leadership (2760) 2 semesters – 1 unit**

#### **INSTRUCTOR APPROVAL REQUIRED**

Students will learn the skills necessary to be successful in leadership roles. The student will learn about effective motivation, goal setting, time management, problem solving, group dynamics, team building, communication, stress management, and leadership styles. Through the use of hands-on learning activities, students will learn to work in groups to solve problems and to do project planning.

**Prerequisite(s):** 10 hours of community service during the summer preceding enrollment into this course.

**Grade Level Appropriate:** Sophomore, Junior, or Senior

### **Modern Literature (4211) 2 semesters - 1 unit**

In this class we will explore Contemporary American novels written by various American masters in the past thirty years. We will analyze these brilliant and important masterpieces with a variety of class projects and activities. If you love to read and like contemporary fiction, this is the class for you.

**Prerequisite(s):** None

**Grade Level Appropriate:** Junior, or Senior

### **Outdoor Education (3320) 2 semesters - 1 unit**

Students will develop and expand their knowledge of hunting and fishing education which includes outdoor survival skills, wildlife conservation and management, hunting and fishing safety, wildlife identification and archery. Curriculum is provided by the Oklahoma Department of Wildlife.

**Prerequisite(s):** none

**Grade Level Appropriate:** Freshman, Sophomore, Junior or Senior

### **Peer Tutoring – Service Learning (2775) 2 semesters – 1 unit**

#### **INSTRUCTOR APPROVAL REQUIRED**

Peer tutors will work with students with disabilities in a classroom setting. They will explore different disabilities through outside assignments. Work includes reading with students, studying words with flashcards, helping students access the computer, and providing social interaction for our students with disabilities.

**Prerequisite(s):** None

**Grade Level Appropriate:** Junior or Senior

### **Reading for Pleasure (4210) 1 semester – ½ unit**

Students will self-select novels to read at their own pace. Literature circles will be used for discussion of novels. Students will be required to keep a Reading Log to chart the progress of their studies, and will make presentations about the books to motivate the other students' interest.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**Teach Oklahoma (8409) 2 Semesters - 1 credit**

Teach Oklahoma is an exemplary project that targets high school junior and senior students who possess high academic and leadership standards. These students are chosen to participate in the Teach Oklahoma program to encourage them to consider the teaching profession as a viable career choice. Those who do not become educators evolve into strong advocates for teachers and proponents for education. The Teach Oklahoma curriculum is a hands-on practice that explores the various areas of teaching, observation and professional portfolio development, while engaging students in fascinating clinical teaching exercises within an actual educational setting. These activities expose Teach Oklahoma students to the following: the child development process, diversity issues, lesson planning, and the variety of various learning styles, differentiated instruction strategies, and oral presentation skills.

**Prerequisite(s):** None

**Grade Level Appropriate:** Junior, Senior

**Yearbook (4240) 2 semesters – 1 unit**

**INSTRUCTOR APPROVAL REQUIRED**

Students will work collaboratively with each other and the instructor to choose a theme and create the Longhorn Legend. Course work includes, but is not limited to: selling ads to finance the yearbook, communicating and working with the general public in a business setting, learning about effective layout and design, as well as appropriate coverage for a high school yearbook, and formatting yearbook pages.

**Prerequisite(s):** None

**Grade Level Appropriate:** Junior, Senior

## **ELECTIVES - HEALTH & PE**

**Athletic Assistant (3320A) 2 semesters - 1 unit**

Students will assist Certified Coaches with the middle school athletic program. Possible duties and assignments include learning how to prepare for an effective practice, setting up equipment, supervising and correcting technique, learning proper care of equipment, ensuring safe conditions, and providing coach information and feedback.

**Prerequisite(s):** Active Participation in Varsity Athletics

**Grade Level Appropriate:** Senior

**Competitive Athletics (3330 - Girls) (3331 – Boys) 2 semesters - 1 unit**

The high school athletics program is competitive in nature. Volleyball, football, powerlifting, basketball, baseball, fast-pitch softball, slow-pitch softball, cross-country, track, tennis, and golf are offered seasonally. Athletics is a team sport played by individuals in which the team is placed first. Each player is responsible for being unselfish in contributing to the team effort. Students must participate in at least one sport during the year to enroll in athletics. A current physical and concussion management form must be on file to enroll in the class.

**Prerequisite(s):** Must have played a competitive sport the previous year to enroll in Athletics.

A physician's physical dated after May 1 and parent permission to participate along with a concussion management form must be on file before summer sports participation starts to enroll in the class.

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**Health (3310) 1 semester – ½ unit**

**Co Enrollment in another semester long course is required.**

In this course, students will be taught concepts related to health promotion and disease prevention. After completing the course, students will know about their personal health including: injury prevention, community health, nutrition, and fitness. Students will learn about the effects of alcohol, tobacco, and drug usage to themselves as well as the effects to the community. Personal development, family living, listening, proper note taking skills and tests will also be required for students taking this course.

**Prerequisite(s):** None

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**Personal Fitness: Toning and Conditioning (3320P) 2 semesters – 1 unit**

This course is designed to provide instruction in personal fitness, body toning, and weight training. The class will develop an aerobic and conditioning plan for a lifetime of personal fitness. The class will focus on stamina development and cardiovascular fitness with an emphasis on flexibility. The students will learn to evaluate their own fitness level and body composition and develop a personal program of physical activity. Students will be expected to dress out and participate in all activities.

**Prerequisite(s):** A physician's physical dated after May 1 and parent permission to participate along with a concussion management form must be on file before school starts to enroll in the class.

**Grade Level Appropriate:** Freshman, Sophomore, Junior, or Senior

**Recreational and Lifetime Sports (3320I) 1 semester – ½ unit**

**Co Enrollment in Team Sports (3320T) is required.**

This class will represent an opportunity for the students to be exposed to a variety of recreational and lifetime sports. Instruction will be given on, but not limited to frisbee, horseshoes, shuffleboard, deck tennis, bowling and bocce ball. History and rules for the activities will be learned, and the students will be expected to participate in all activities. The class will also include racket sports: tennis, badminton, pickle ball and table tennis. All units will culminate with tournaments in which the students will apply strategies for offense and defense and enjoy the benefits of healthy competition. Students will be expected to dress out and participate in all activities.

**Prerequisite(s):** A physician's physical dated after May 1 and parent permission to participate along with a concussion management form must be on file before school starts to enroll in the class.

**Corequisite:** Team Sports (3320T)

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

**Strength and Conditioning (3320S) 2 semesters – 1 unit**

This class will teach proper weight training and conditioning techniques. The students will learn to design their own personal fitness program and plan a lifetime physical fitness program. The students will learn the physiological, psychological and cultural benefits that may result from regular participation in physical activity. Students will be expected to dress out and participate in all activities.

**Prerequisite(s):** A physician's physical dated after May 1 and parent permission to participate along with a concussion management form must be on file before school starts to enroll in the class.

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

**Team Sports (3320T) 1 semester – ½ unit**

**Co Enrollment in Recreational & Lifetime Sports (3320I) is required.**

The course will be divided into units of instruction in the basic skills and strategies of team sports. Each unit will include the history of the sport and instruction in the opportunities for the students to learn and practice these individual skills. The units will end with an opportunity to play the sport and practice offensive and defensive strategies while competing on a team. Each student will learn to demonstrate proper conduct and self-control as an individual and as part of a team. Students will be expected to dress out and participate in all activities.

**Prerequisite(s):** A physician's physical dated after May 1 and parent permission to participate along with a concussion management form must be on file before school starts to enroll in the class.

**Corequisite:** Recreational & Lifetime Sports (3320I)

**Grade Level Appropriate:** Freshman, Sophomore, Junior, Senior

## ELECTIVES - PERSONAL FINANCIAL LITERACY

**Personal Financial Literacy (1451) 1 semester – ½ unit**

**Required for graduation.**

Personal Financial Literacy is designed to teach ideas, concepts, knowledge, and skills that will enable students to implement personal financial decision-making skills; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit, money managers, and to be participating members of a global workforce and society. The intent of personal financial literacy education is to inform students how individual choices directly influence occupational goals and future earnings potential. Successful money management is a disciplined behavior and much easier when learned earlier in life. The fourteen areas of instruction designated in the Passport to Financial Literacy Act of 2007 (70 O.S. § 11-103.6h) are designed to provide students with the basic skills and knowledge needed to effectively manage their personal finances. Basic economic concepts of scarcity, choice, opportunity cost, and cost/benefit analysis are interwoven throughout the standards and objectives. This systematic way of making personal financial decisions will provide students a foundational understanding for making informed and successful personal financial decisions.

**Prerequisite(s):** None

**Corequisite:** Economics

Grade Level Appropriate: Senior

## COLLEGE & CAREER

### CONCURRENT ENROLLMENT for College and High School Credit

A student, enrolled in an accredited Oklahoma high school, may, if he or she meets the requirements, be admitted provisionally to a college or university in the Oklahoma State System of Higher Education as a special student. Junior and Senior students, who are in good standing for graduation, are encouraged to participate in Concurrent Enrollment. Courses taken through Concurrent Enrollment may be utilized to meet graduation requirements. Students will be given one class period, plus a reasonable travel time, for each course taken through concurrent enrollment. It will be the student's responsibility to provide Chisholm High School with an official enrollment document, which shows the course being taken and the time of the course. Anyone, who drops or discontinues participation in concurrent enrollment, must notify the school immediately and return to campus for other classes.

# **AUTRY TECHNOLOGY CENTER**

## **BUSINESS & INFORMATION TECHNOLOGY**

### **Business & Office Services**

This program offers accounting applications and extensive hands-on experience with software such as Peachtree, QuickBooks, and Quicken. Instruction includes preparation of financial statements, payroll, accounts payable, accounts receivable, billing, and inventory. Upon completion, students will be eligible to take the Certified Bookkeeper National Exam.

### **Medical Front Office**

Microsoft Word/Excel, Microsoft Access/PowerPoint, Business Concepts, Office Procedures, IC3 for Business and Financial Services, Business Communications, Human Resource Concepts, Managing People, Fundamentals of Medical Office/Medical Terminology, ICD 9/CPT Coding, Multimedia, Web Design. Students can earn industry-recognized certifications in this program.

### **Information Technology**

PC Technician – IC3 Computing Fundamentals, Key Applications, and Living Online, Computer Maintenance Hardware and Software, DOS

Network Technician – Network +, Unix and Linux Fundamentals, Voice and Data Cabling

Network Administrator – Installing, configuring and administering Microsoft Windows XP Professional, Managing and maintaining a Microsoft Windows server 2003 Network infrastructure, Managing and maintaining a Microsoft Windows server 2003 environment. Following this intensive training, students will be eligible to take certification exams in the areas of server operating systems, Cisco, A+, Network+ +, and Microsoft Certified Systems Administrator (MCSA).

## **SERVICE CAREERS**

### **Cosmetology**

This program prepares students for entry-level employment by teaching the basic cosmetology skills as set by the Oklahoma State Board of Cosmetology. Students practice the skills of hair cutting and styling, coloring, permanent waving and restructuring as well as manicuring, pedicuring and facials. These skills are practiced in a model salon/lab setting.

### **Culinary Arts**

This course of study encompasses various aspects of the culinary arts industry. The cafeteria-style facility provides opportunities involving performance in quantity food production, state-of-the-art equipment operation, banquet/special request experiences, and competencies involving diverse cuisine.

## **HEALTH**

### **Health Careers Certification**

This program is designed primarily for students who wish to pursue a health occupation. It will help the student identify or clarify his/her desire to work in a health career. The program provides a thorough overview of a myriad of health careers while teaching basic health care skills and laboratory techniques that can lead to employment. The combination of theory, laboratory skills, and clinical observation will provide an optimal learning experience.

**Dental Assistant**

Instruction includes the duties of the dental office receptionist, dental secretary and bookkeeper, in addition to an overview of legal and ethical issues. Students will study head and neck anatomy, health insurance filing, dental terminology, and gain skills through job shadowing to assist the physician with exams and treatment.

**Medical Assistant**

Administrative and clinical procedures are studied for the efficient management of a medical office. These include computer training in medical software, preparation of exam rooms, health insurance filing, medical terminology, and skills gained through job shadowing to assist the physician with exams and treatment.

**TECHNICAL TRADES****Air Conditioning/Refrigeration Technology**

This self-paced program prepares students for employment in the installation, operation, maintenance and repair of residential and commercial air conditioning, heating, and refrigeration systems. This course is available during afternoons and evenings.

**Automotive Technology**

Extensive training is offered in current diagnosis and repair techniques in six specialty areas: electrical systems, brakes, AC/heating, steering/suspension, engine repair, and engine performance. (This is an ASE-certified program.)

**Collision Repair Technology**

Modern automotive collision repair and refinishing methods are taught in addition to preparation of damaged structures for refinishing. Advanced painting techniques are also studied. (This is an ASE-certified program.)

**Construction Technology**

Skills are developed in the areas of blueprint reading, site layout, estimating, foundation work, framing, interior and exterior work, and the use of both hand and power tools for residential and commercial projects. (This is an AGC-certified program.)

**Diesel Technology**

This program will provide a solid technical background in the areas of engine overhaul, electrical systems, powertrain, brakes/steering, and air conditioning. Students will learn to maintain, diagnose and repair diesel engines. (This is an ASE-certified program.)

**Drafting and Design**

Emphasis is placed on the theoretical and practical approach to engineering drawing. Instruction covers basic techniques such as architectural drafting, illustration, and Computer-Aided Drafting and Design (CAD).

**Graphic Arts**

This program develops the skills and teaches techniques used in the graphic arts industry, including computer design/layout, composition, proofreading, paste up, stripping, plate making, press operation, bindery and photography (PrintEd-certified).

**Robotics & Electronic Automation**

This program is the synergistic combination of mechanical engineering, electrical engineering, electronics, information technology and systems thinking, utilized in the design of products and automation processes. Mechatronics students may

receive advanced standing in Mechatronics Engineering. Mechatronics is an excellent foundation for students working toward a bachelor's degree in Engineering.

### **Computerized Machining (CNC)**

You design it, we'll make it! Learn to be a "maker" to produce things we hold, see and use every day. The manufacturing industry is involved in producing almost everything we see and use every day, and students in the Computerized Machining (CNC Machining) program learn to become "makers" of almost anything. Students will gain knowledge and proficiency in design processes using software, such as SolidWorks and Fusion 360 CAD/CAM. Blueprint reading, applied math, precision measurement, and proper tool usage are tools of the trade, as students learn to write programs from blueprints, work with computer-aided-machining (CAM) software, and learn quality control techniques in operating engine lathes, vertical mills, computer numerical control turning centers (lathes) and computer numerical control vertical machining centers (mills).

### **Welding Technology**

Study in this program emphasizes gas, arc, TIG, MIG, and pipe welding. The theory and practice of welding, soldering, and brazing, arc welding, and assembly of units is utilized.

## **OKLAHOMA SCHOOL OF SCIENCE AND MATH**

### **OSSM**

The regional center at Autry Technology Center provides advanced educational opportunities and challenges for high school juniors and seniors in the Autry Tech district who are gifted in the areas of science and math. The school is a branch of the prestigious Oklahoma School of Science and Mathematics in Oklahoma City. Advanced Calculus and Advanced Physics are taught to students who pass the highly competitive application process.