

COWETA HIGH SCHOOL
COURSE GUIDE
GRADES 10-12

2018-2019

Dear Students:

Welcome to Coweta High School! Our goal is to provide a quality secondary education for all students and to assist each student in recognizing his or her full potential. We look forward to working with you and your family in making your future goals and dreams become a reality!

In an effort to assist you in making informed decisions regarding your secondary plan of study, we are providing this Course Guide. This guide is a valuable tool. It contains course descriptions, graduation requirements, information regarding the calculation of grade point averages, and contact information.

Please review this guide carefully and pay special attention to the information regarding graduation requirements, college admission requirements, and information regarding the calculation of grade point averages. We encourage you to discuss your high school plan of study and your educational and/or vocational plans following graduation as a family.

Please note that the course descriptions contained in this book simply provide a description of all courses offered in grades ten through twelve. The ultimate availability of these courses will be determined by graduation requirements, enrollment numbers, and staffing.

The counseling department at Coweta High School is ready and willing to assist you in developing a secondary plan of study that will meet your educational needs. Please feel free to contact our counseling or administrative offices at any time should you have any questions or need additional information.

Have a great 2018-2019 school year!

Sincerely,
Gary Ellis, Principal

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School Profile

SCHOOL

Coweta High School is a comprehensive public high school enrolling 700 students in grades 10 through 12. The school is located off Highway 51 in Wagoner County. Coweta High School is accredited by the Oklahoma State Department of Education and holds membership in the College Board. The school mascot is the Tiger.

CURRICULUM

The academic program is organized on a traditional 7 period day. Students take seven 50 minute classes per day. In addition to the core subjects, the school offers elective courses in the areas of art, music, drama, foreign language, vocational agriculture, business, leadership, family and consumer science, and physical education. The school's special education department provides supplemental assistance and services to ensure the success of all students.

Advanced Placement Program® courses are offered in Chemistry, English Language, English Literature, Environmental Science, European History, Studio Art, and World History, and Physics I. AP is an open enrollment program.

Coweta High School partners with Oklahoma School of Science and Mathematics to offer distance learning in AP Calculus and AP Physics C Mechanics for students who are accepted into the program.

Coweta High School students also have the opportunity to receive dual credit through concurrent enrollment and vocational training through Indian Capital Vocational Technology Center in Muskogee, OK.

Students at Coweta High School have the opportunity to participate in numerous activities and student clubs including art, band, cheerleading, choir, and competitive athletics. Athletic teams compete within the Oklahoma Secondary Schools Activities Association 5A Classification.

Board of Education

Ryan Fankhauser

Marty Kilgore

Doyle Burress

Teddy Wyatt

Brad Anderson

Administrative Staff

Jeff Holmes, Superintendent

Max Myers, Assistant Superintendent

Brad Tackett, Chief Financial Officer

High School Administration

Gary Ellis, Principal

Cathy Bible, Assistant Principal

Leslie Frazier- IHigh Principal

High School Counselors

Pam Pierce, Senior Counselor

Jayna Ross, Junior Counselor

Holli Metcalf, Sophomore Counselor

Freshman Counselor

COLLEGE PREPARATORY CURRICULUM REQUIREMENTS

College Preparatory/Work Ready Curriculum for High School Graduation

(Title 70 O.S. § 11-103.6)

Beginning with students entering the ninth grade in the 2006-07 school year, in order to graduate from a public high school accredited by the State Board of Education with a standard diploma, students shall complete the following college preparatory/work ready curriculum units or sets of competencies at the secondary level. In lieu of the requirements of the college preparatory/work ready curriculum for high school graduation, a student may enroll in the core curriculum for high school graduation, upon written approval of the parent or legal guardian of the student. For more information, contact your student's Counselor.

4 Units of Language Arts:

Grammar, Composition, Literature, or any English course approved for college admission.

3 Units of LABORATORY Science:

limited to 1 year of Biology, 1 year of Physical Science, Chemistry, or Physics, and 1 more year of any laboratory science course with content and/or rigor equal to or above Biology or Physical Science and approved for college admission requirements;

3 Units of Mathematics:

limited to Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Calculus, Advanced Placement Statistics, or any

mathematics course with content and/or rigor above Algebra I and approved for college admission requirements;

[Beginning with students entering 9th grade in the 2008-2009 school year, 3 units of Mathematics must be taken in Grades 9-12, in addition to any of the courses listed above that were taken prior to Grade 9.]

3 Units of Social Studies: (Coweta High School requires the following courses which meet and exceed the college preparatory requirements)

*1 United States History, 1/2 United States Government, 1/2 Oklahoma History, 1 World History, 1 AP European History,
or 1/2 Geography.*

2 Units of the same Foreign Language or 2 Units of Computer Technology:

to include 2 units of the same foreign or non-English language or 2 units of computer technology approved for college

admission requirements, whether taught at a high school or a technology center school, including computer programming,

hardware, and business computer applications, such as word processing, databases, spreadsheets, and graphics, excluding keyboarding or typing courses;

1 Additional Unit selected from any of the above or career and technology education courses approved for college admission requirements.

1 Unit or sets of competencies of Fine Arts, Music, Art, Drama, or Speech.

Personal Financial Literacy

Students shall complete the requirements for a personal financial literacy passport as set forth in the Passport to Financial Literacy Act and any additional requirements or recommended elective courses as may be established by the State Board of Education and the district school board.

The local school board's graduation requirements may exceed the state graduation requirements of 23 units. In order to graduate from Coweta High School, all students must have a total of 25 units.

COWETA HIGH SCHOOL GRADUATION REQUIREMENTS

4 Units of Language Arts: 1 Grammar and Composition, and **3** which may include, but are not limited to the following courses: American Literature, English Literature, World Literature, Advanced English courses, or other English courses with content and/or rigor equal to or above grammar and composition.

3 Units of Science: Biology I or Biology I taught in a contextual methodology and **2** additional courses from the following: Biology II, Chemistry I, Physics, Pre-AP Chemistry, Physical Science, Environmental Science, Botany, Zoology, Physiology, Astronomy, Applied Physics, qualified agricultural education courses, and approved contextual science courses taught at a technology center. *(Course offerings vary from year to year)*

3 Units of Mathematics: Algebra I or Algebra I taught in a contextual methodology, and 2 which may include, but are not limited to the following courses: Algebra II, Geometry or Geometry taught in a contextual methodology, Precalculus, Calculus, Statistics and/or Probability, Mathematics of Finance, Intermediate Algebra, contextual mathematics courses which enhance technology preparation whether taught at a (1) comprehensive high school, or (2) technology center school when taken in the eleventh or twelfth grade, taught by a certified teacher, and approved by the State Board of Education and the independent district board of education; mathematics courses taught at a technology center school by a teacher certified in the secondary subject area when taken in the eleventh or twelfth grade upon approval of the State Board of Education and the independent district board of education; or other mathematics courses with content and/or rigor equal to or above Algebra I. *[Beginning with students entering 9th grade in the 2008-2009 school year, 3 units of Mathematics must be taken in Grades 9-12, in addition to any of the courses listed above that were taken prior to Grade 9.]*

3 Units of Social Studies 1 United States History, 1/2 United States Government, 1/2 Oklahoma History , 1 World History, 1 AP European History, or 1/2 Geography

Personal Financial Literacy: Students shall complete the requirements for a personal financial literacy passport as set forth in the Passport to Financial Literacy Act and any additional requirements or recommended elective courses as may be established by the State Board of Education and the district school board.

1 Unit of Computer Science 1 unit of computer technology whether taught at a high school or a technology center school, including computer programming, hardware, and business computer applications, such as word processing, databases, spreadsheets, and graphics, **excluding keyboarding or typing courses;**

Coweta High School's local school board has specified the preceding courses as mandated curricular graduation requirements. Students will be allowed to select additional elective courses to total 25 Units. All students must have a total of 25 units to graduate from Coweta High School.

PRE-ADVANCED PLACEMENT & ADVANCED PLACEMENT COURSES

Throughout this guide you will see the designations of Pre-AP & AP courses. These courses are sponsored by the College Board and offer students instructional strategies from a nationally prescribed curriculum. Pre-Advanced Placement courses begin as early as 6th grade in core curricular areas.

Advanced Placement (AP) courses are offered to juniors and seniors in high school. These courses are challenging and offer high academic demands. At the end of an AP course, students can take the College Board Advanced Placement Exam. Students may earn college credit for successful scoring on the Advanced Placement Exam.

NOTE: *All students who enroll in an AP or Pre-AP Course will be required to read, review, and sign the Coweta High School AP and Pre-AP Course Contract prior to being enrolled in the class.*

Cumulative Classroom and Overall GPA

A student's grade in each individual course will be figured on the accumulation of points earned beginning with the first day of class and ending with the last day of the semester. A semester test will be given in each class and the grade earned on that test will be calculated up to 20% of the student's semester grade according to the discretion of each teacher.

A student's overall grade point average (GPA) will be figured by adding the appropriate point value for grades earned in all classes beginning with his/her 9th grade and then dividing that total with the total number of grades earned. Approved courses taken during the 8th grade for high school credit will be included in the overall grade point average.

Point values for all classes except Advanced Placement Courses and most concurrent classes will be figured on the traditional 4.0 scale shown below: Point values for all classes except Advanced Placement Courses and most concurrent classes will be figured on the traditional 4.0 scale shown below: Point values for all classes except Advanced Placement Courses and most concurrent classes will be figured on the traditional 4.0 scale shown below:

A	4 points	90%-100%
B	3 points	80%-89%
C	2 points	70%-79%
D	1 point	60%-69%
F	0 points	59% and below

All Advanced Placement Courses and most concurrent classes will be figured on a weighted scale as shown below:

A	5 points	90%-100%
B	4 points	80%-89%
C	3 points	70%-79%
D	1 point	60%-69%
F	0 points	59% and below

HIGH SCHOOL CREDIT AWARDED TO 8th GRADE STUDENTS

High school credit will be awarded to students who successfully complete the following courses as an 8th grader:

Spanish I

Algebra I

Keyboarding

Computer Applications

The grade earned in these courses will be posted on the student's high school transcript and will count toward the total number of credits needed to graduate from high school. The grades earned on these courses in the 8th grade will also be included in high school class rank and grade point average. (see Cumulative Grading & GPA and CHS Graduation Requirements)

If an 8th grader successfully completes one or more of the courses listed above and then chooses to repeat any of the courses during grades 9-12, the repeated course(s) will be posted on the student's transcript as No Credit (NC) during that respective school year. The course that is repeated will not count toward the total number of credits needed to graduate from high school and will not be calculated in the student's total GPA.

*In accordance with Senate Bill 982 beginning freshman enrolled in 2008-2009 school year are required to have 3 units or sets of competencies in mathematics that must be completed in grades 9-12. Students may take an approved high school math course in the 8th grade BUT this math course will not count toward the 3 units required for college preparatory curriculum graduation in grades 9-12.

AUDITING COURSES IN GRADES 9-12

When a high school student successfully completes any course offered in grades 9-12 all grades will be posted on his/her high school transcript. If for some reason he/she chooses to repeat a

course that has already been posted on the transcript, the repeated course(s) will be considered an “Audit”. Auditing a course means that a student attends a class without receiving academic credit. A notation of “NC,” No Credit will be posted on his/her transcript for any class that has been determined as an “Audit”, will not count toward the total number of credits needed to graduate from high school, and will not be calculated in the student’s total GPA. Auditing of classes will only be allowed if the loss of credit(s) does not drop a student below the total number of credits required for graduation and must have prior approval from administration.

COURSE FEES

Many courses require students have materials beyond the normal text book such as: art supplies, uniforms, workbooks, etc. As a result, the Coweta Public Schools Administration requires students to pay certain fees to cover the cost of these supplies. However, it is not the intent of the school district to prevent any student from enrolling in a class due to cost. Any student desiring to enroll in a class requiring additional fees and who is unable to meet these costs should consult their counselor. Parents will be contacted and an effort will be made to assist the family.

CONCURRENT ENROLLMENT

Concurrent Enrollment allows qualified students to enroll in college courses during their junior and/or senior years in high school. Currently for TCC concurrent classes, seniors must earn a composite of 19 or above on the ACT or have a cumulative GPA of 3.0 or above. They must also have a sub score of 19 or above in the subject area in which they plan to enroll. Juniors must have earned a composite score of 21 or above on the ACT or have a 3.5 cumulative GPA. They must also meet the requirement of a sub score of 19 or above in the subject area in which they enroll, unless they are enrolling in a Math course which the sub score must be 21. For NSU concurrent classes students must have a composite and sub scores of a 20. Qualifications for state universities and regional universities are somewhat higher. Students need to check with their high school counselor to determine specific qualifications for these institutions.

A high school student may enroll in a combined number of high school and college courses per semester not to exceed a full-time college workload of 19 semester-credit-hours. For purposes of calculating workload, one-half high school unit shall be equivalent to three semester-credit-hours of college work. For example, a student could take 5 high school classes with 1 college class per semester OR 4 high school classes with 2 college classes per semester.

In order to participate in concurrent enrollment, the student must (1) meet the ACT and GPA requirements stated above, (2) get the Concurrent Enrollment Form from their counselor with the

counselor and principal's signatures for approval, (3) request a copy of their transcript be sent to the college/university where they will be taking a concurrent class, (4) make application to the college/university where they will be taking a concurrent class, and (5) take all the information listed above to the college/university where you will be taking a concurrent class and enroll in the class. Once you have enrolled in the class, you **MUST** take a copy of your proof of enrollment back to your counselor. At that time, your schedule will be changed. If you have any questions, contact your school counselor prior to the beginning of next school year.

*See Coweta High School Board of Education rule changes concerning the transcription of Concurrent Enrollment grades on the Coweta High School transcript in the Coweta High School Handbook.

OKLAHOMA'S PROMISE

Oklahoma's Promise provides resident tuition for students enrolling in Oklahoma colleges who meet the following eligibility requirements:

- The student must be an Oklahoma resident, and a United States citizen or lawfully present in the United States.
- The parent(s) income from taxable and nontaxable sources for the most recently completed federal tax year does not exceed \$50,000.
- Students are eligible to enroll during the 8th, 9th, or 10th grade.
- Students must complete a specified 17-unit core curriculum and achieve an overall 2.5 cumulative GPA, and a 2.5 GPA in the specified 17-unit core curriculum.
- Students must take either two consecutive years of the same foreign language or take two years of computer technology. (Keyboarding and typing classes do not count)
- Students must refrain from any type of criminal activity.
- Second Income Screen at \$100,000: For students receiving the award the income of the student's parents may not exceed \$100,000 at the time the student goes to college.

Students are strongly encouraged to meet regularly with their counselor to confirm that they are enrolled in the correct courses to meet all Oklahoma's Promise requirements. Please see your school counselor to obtain further details and the forms needed to enroll in this program, or you may enroll online at www.okpromise.org. For more information please visit www.okpromise.org or call 1-800-858-1840.

COLLEGE CORE REQUIREMENTS

Throughout this publication, you will observe the notation “cc” at the end of the first line containing the course name. This designation will identify courses that meet the basic college core requirements for students enrolling in two or four year Oklahoma state colleges/universities (see page five of this course guide for a description of college preparatory requirements). When selecting courses, you will want to formulate your educational plan based on your post high school choices.

TESTING INFORMATION

State Testing

A U.S. History assessment will be administered once in high school while student is enrolled in the course along with a Science Test during the Student’s Junior Year.

ACT

The American College Testing Program (ACT) is offered on the September, October, December, February, April, and June national test dates. All colleges and universities in Oklahoma use the highest composite score for admission and scholarship purposes. The ACT is designed to assess each student’s general educational development and ability to complete college level work. Students are encouraged to take the ACT for the first time during April or June of the Junior year, and even earlier in the year if considering selective colleges, concurrent enrollment, or competitive scholarship programs. Preparatory workshops are offered at several surrounding colleges for a fee. In addition to the test scores, ACT provides a CAREER PLANNING REPORT based on the student’s interests, goals, and achievement. For more information or to register, log onto www.act.org.

AP

These are administered at the end of the course each spring. A score of 3 or better is required to be eligible for college credit or advanced placement in college classes. Students are not required to take the test to obtain a grade in the particular class, nor are they required to take the class to take the test. There is a fee for each AP examination taken. For more information on AP Testing, log onto www.collegeboard.com.

Pre-ACT

The Pre-ACT test is administered to all 10th grade students in September/October. The Pre-ACT test helps measure current academic development, explore career/training options and plan for

the remaining years of high school and post-graduation years. The Pre-ACT score is a predictor of what a student is likely to score on the ACT.

PSAT/NMSQT

The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test is offered only once a year in October. Freshmen, Sophomores, and Juniors may elect to take the test; however, a student **MUST** take the test during the junior year to qualify for National Merit Scholarships. Through this program, students are also given an opportunity to participate in the Student Search Service which colleges may use to send information about educational and financial aid opportunities. See your Counselor to register in September to take the PSAT/NMSQT. For more information on the PSAT/NMSQT, log onto www.collegeboard.com.

SAT

The Scholastic Aptitude Test (SAT) is a college entrance exam required by many colleges outside of Oklahoma and a growing number of scholarship programs. It measures verbal and math abilities developed over many years. SAT registration forms and references to determine averages or minimum scores for admittance to specific colleges are available in the Counseling Center. It is recommended that students planning to apply to selective colleges take their first SAT during the spring of the junior year. Some colleges require SAT Achievement tests in addition to the basic SAT. Be sure to check if a college requires the specific SAT subject test and the number of achievement tests required. Plan well in advance so that you do not have to take these tests on a single test date. For more information or to register, log onto www.collegeboard.com.

ENGLISH

English II Grade 10 2 semesters, 1 credit cc

Prerequisite: English I or Pre-AP English I

This course is a study of all genres of literature from various cultures. Students will focus on increasing their composition, reading, grammar, and vocabulary skills. Students will learn to utilize the Media Center and will be introduced to the research paper and Modern Language Association standards.

Pre-AP English II Grade 10 2 semesters, 1 credit cc

Prerequisite: English I or Pre-AP English I

This course is an advanced English class. It is a literature-based course that includes a study of all genres from various cultures around the world with a strong emphasis on composition. Students will be introduced to close reading strategies, which include identification and analysis of literary techniques and elements. Composition activities will encourage writing fluency in literary analysis, persuasive techniques, and personal expression. Completion of a research paper and familiarity with Modern Language Association standards will be emphasized.

English III Grade 11 2 semesters, 1 credit cc

Prerequisite: English II or Pre-AP English II

This course is a study of American literature from 1620 to the present. Students will focus on improving composition skills, reading skills, and increasing their vocabulary. Students will continue to develop their Media Center skills and will complete a research paper according to Modern Language Association standards.

AP English Language and Composition Grade 11 2 semesters, 1 credit cc

Prerequisite: English II or Pre-AP English II

This course focuses on the building of writing skills, specifically those included in the study of language and composition. The practice and application of these writing skills will benefit students greatly as they move on to the next level of education or career. The course emphasizes composing different genres of writing (including a research paper) and critical reading of both fiction and nonfiction texts. Outside reading is required, both class study and individual study. Students may earn college credit for successful scoring on the Advanced Placement examination.

English IV Grade 12 2 semesters, 1 credit cc

Prerequisite: English III or AP English Language and Composition

This course focuses on the further development of composition skills, vocabulary acquisition, and the study of British literature. The

AP English Literature and Composition Grade 12 2 semesters, 1 credit cc

Prerequisite: English III or AP English Language and Composition

This course focuses on advanced concepts of literary analysis and composition, the study of which will benefit students throughout their college careers. Classic novels, short stories, and poetry are emphasized. Some outside reading is required. Students may earn college credit for successful scoring on the Advanced Placement Examination.

Mathematics

Three units or sets of competencies in mathematics shall be completed in grades 9-12. Students may take an approved High School math course in the 8th grade BUT this math course will not count toward the 3 units required in grades 9-12.

Algebra I Grade 10 2 semesters, 1 credit cc

This course is a study in the language of algebra in which the student learns to interpret and solve problems using algebraic terms and concepts. Topics that will be covered include: operations with rational numbers, inequalities, powers, polynomials, factoring, graphs, functions, systems of equations, radical and rational expressions, and quadratics. (High school credit may be awarded to 8th graders who successfully complete this course.) This course is the first of three courses required for entrance into state universities.

Geometry Grades 10-12 2 semesters, 1 credit cc

Prerequisite: Successful completion of Algebra I

Note: A scientific calculator, compass and protractor are required for this class.

Geometry is the study of basic geometric terms, postulates, theorems, and formulas. Students will learn to solve problems and prove theorems both through deductive and inductive reasoning. This course will also cover basic geometric constructions & transformations. This course is the one of the three courses required for entrance into state universities.

Algebra II Grades 10-12 2 semesters 1 credit cc

Prerequisite: Successful completion of Algebra I. Recommended: "C" or above in Algebra I.

Note: A graphing calculator is required for this class.

This course is the study of number systems, algebraic operations, relations, functions, data analysis, and statistics. This is the one of three classes required for college admission. Prerequisite: Successful completion of Algebra I. Recommended: "C" or above in Algebra I.

Pre AP Algebra II Grades 10-11 2 semesters 1 credit cc

Prerequisite: Successful completion of Algebra I. Recommended: "B" or above in Algebra I.

Note: A graphing calculator is required for this class.

This course is the study of number systems, algebraic operations, relations, functions, data analysis, and statistics. Pre-AP Algebra is for advanced math students diving deeper into the aforementioned concepts and move at a faster pace than Algebra II. This is the one of three classes required for college admission.

College and Career Ready Math Grade 12 2 semesters 1 credit cc

Prerequisite: Successful completion of Algebra I., Geometry, and Algebra II Recommended: "C" or above in Algebra I.

Note: A graphing calculator is required for this class.

College Career Math Ready is a course designed for high school seniors who have completed Algebra I, Geometry, and Algebra II, and need a transition course to get them ready for college-level coursework. The course emphasizes understanding of mathematics concepts rather than memorizing procedures. By engaging students in real-world applications, College Career Math Ready develops critical-thinking skills that students will use in college and their careers.

Pre-Calculus Grades 11-12 2 semester, 1 credit cc

Prerequisite: Successful completion of Algebra I, Geometry, & Algebra II

Recommended: "B" or above in Algebra II.

Note: A graphing calculator is required for this class.

This course is a combination of college algebra and trigonometry. It should be taken as a prerequisite to Calculus. The concepts to be covered include trigonometric functions and their inverses, identities, solutions of triangles, and graphs of circular functions. The study of Pre-Calculus will include the Algebra

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concepts of linear, rational, exponential, logarithmic, and polynomial functions, the study of graphs and their transformations and applications, matrices, and an introduction of limits.

Statistics

Grades 11-12 2 semesters, 1 credit cc

Prerequisite: Successful completion of Algebra II

Recommended: "C" or above in Algebra II.

Note: A graphing calculator is required for this class.

This course pertains to the collections, analysis, interpretation of data, probability, averages, and variation.

Intermediate Algebra

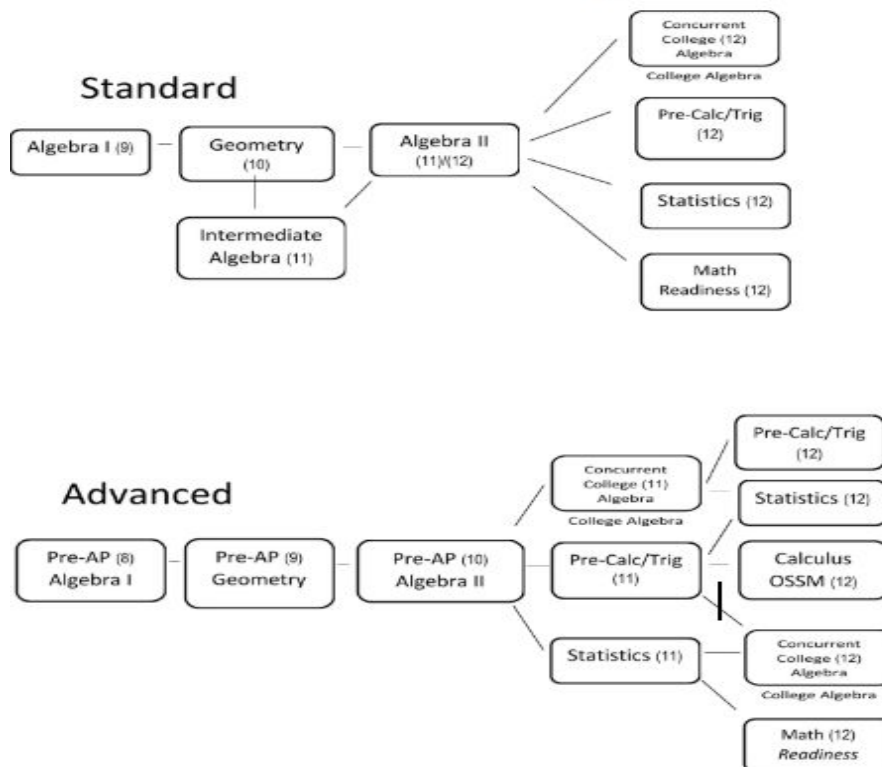
Grades 10-12 2 semesters, 1 credit

Prerequisite: Successful completion of Algebra 1.

Note: This class may be used for high school graduation requirements but it does not meet the college preparatory curriculum requirements. Students must have an Opt-Out form in the Counselor's Office to substitute this course for Algebra II.

This course is designed for students to learn to algebraically setup and solve problems. The skills taught in this course will have practical uses in everyday life. This course is designed for those students who struggled in Algebra I and need extra assistance before moving on to Geometry or Algebra II or for students that do not plan on attending college.

CHS Mathematics Course Progression Chart



Science

Biology I Grade 10 2 semesters, 1 credit cc
This course uses a systematic approach to develop fundamental concepts of biology. It is designed to illustrate the interrelationships among organisms. Units covered include cells, heredity, classification, ecological interactions and selected human systems. This course emphasizes learning biological concepts through experimentation and laboratory exercises. This science course is required for graduation from high school.

Pre-AP Biology I Grade 10 2 semesters, 1 credit cc
Prerequisite: B or better in previous science course and teacher approval signature
This is a college preparatory course emphasizing plant physiology, genetics, heredity, cell physiology, population studies, biochemistry and classification of organisms. This course emphasizes learning biological concepts through experimentation and laboratory exercises. Pre-AP Biology may be taken in place of Biology I and will complete the Biology graduation requirement.

Environmental Science Grades 10-12 2 semesters, 1 credit cc
Environmental Science is an applied science and is the study of human interactions with the environment. A major focus of environmental science is solving environmental problems. The course emphasizes ecosystem structure, biogeochemical cycles, population dynamics, global climate change and its potential ramifications, proper use of water, air, and soil, and human interactions with the environment through labs, discussions and projects. Second semester emphasis on non-renewable and renewable resources. This course is designed to help students become more aware of environmental problems and solutions.

Physical Science Grades 11-12 2 semesters, 1 credit cc
Prerequisite: Successful completion of Biology I and Environmental Science
Physical Science is the student of matter and energy. The course emphasizes basic chemistry and physics concepts. Students will study the general properties of matter, the periodic table, atomic structure, motion forces, energy, electricity, and magnetism. Lab work will be used to support chemical and physical concepts.

Biology II Grades 10-12 2 semesters, 1 credit cc
Prerequisite: Successful completion of Biology I or Pre-AP Biology I
This course is an introduction to the study of botany and zoology including the structure, metabolism, development, reproduction, and evolution of plants and animals. The course includes lecture and laboratory work.

Forensic Science Grades 10-12 2 semesters, 1 credit cc
Prerequisite: Successful completion of Biology I or Pre-AP Biology I
This course focuses on forensic analysis skills such as gathering, evaluating, and interpreting evidence. Concepts from biology, chemistry, physics, anatomy, environmental science, and botany will be incorporated into the course. Lecture, labs, case studies, online activities, and investigation of crime scene scenarios will be part of this introduction to forensic studies. Students will also explore potential career opportunities in this science field.

Pre-AP Chemistry I Grades 10-12 2 semesters, 1 credit cc
Prerequisite: A in Biology I, B or better in Pre-AP Biology I and concurrent enrollment or successful completion of Algebra II or higher.
This course is an in depth study of the structure and composition of matter, the physical and chemical changes it undergoes, and the energy that is exchanged. The course is designed for the serious minded science student who plans to pursue a degree in science, medicine, or engineering. This course is recommended for students who will continue on to either AP chemistry or a college chemistry course.

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AP Chemistry I

Grades 11-12 2 semesters, 1 credit cc

Prerequisite: Successful completion of Chemistry I or Pre-AP Chemistry I and successful completion Algebra II.

This course is designed to be the equivalent of two general chemistry courses usually taken during the first college year. Students will study, the structure and composition of matter, the physical and chemical changes it undergoes, and the energy that is exchanged, focusing on kinetics and equilibrium.

AP Environmental Science

Grades 10-12 2 semesters, 1 credit cc

Prerequisite: Successful completion of Biology I or Pre-AP Biology I is required. Concurrent enrollment in or successful completion of Chemistry I or Pre-AP Chemistry I is recommended.

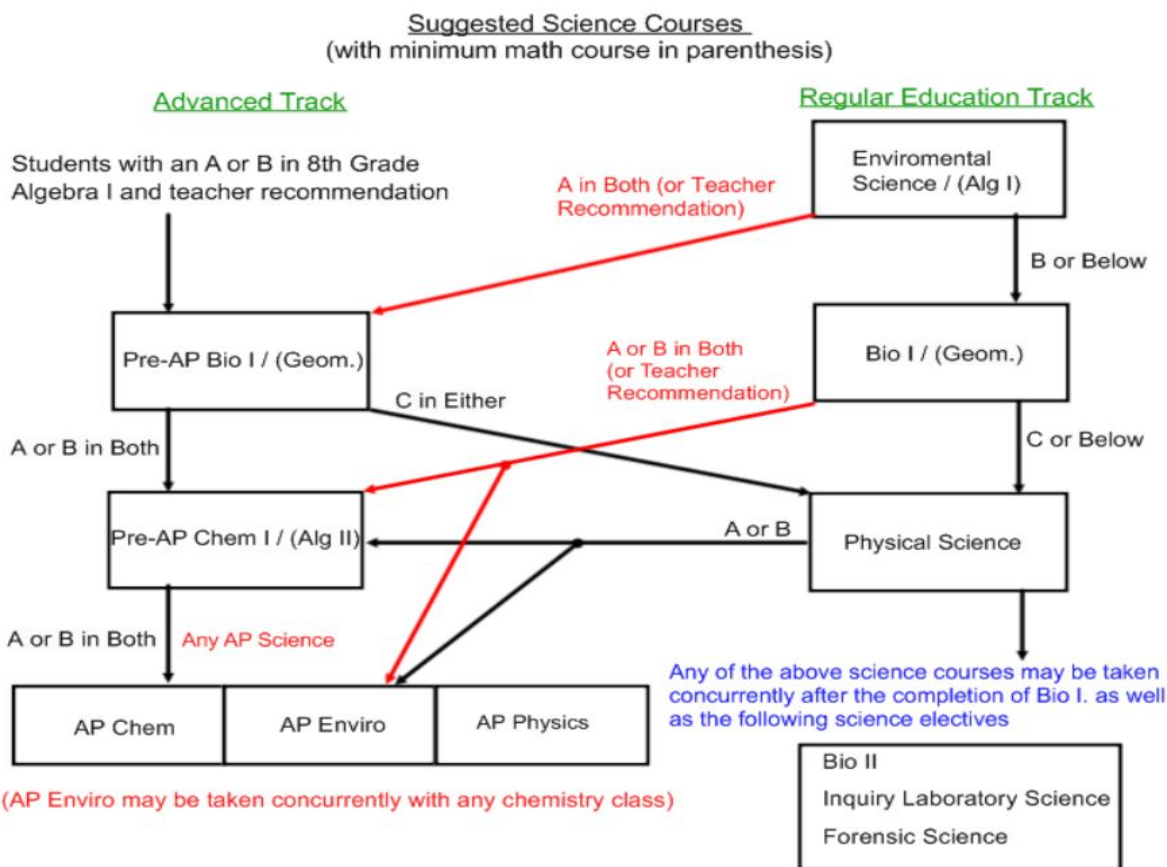
This is the equivalent of a college level environmental science class. The causes, consequences, and potential solutions for both natural and human created environmental problems will be explored through laboratory activities, environmental case studies, and student projects. Students will be required to create graphs, analyze data, work with chemical equations, solve problems using dimensional analysis, and read and analyze scientific literature. Outside of school time reading will be regularly be assigned. The format for writing a successful AP Environmental Science essay will be discussed and practiced. Students may earn college credit for successful scoring on the Advanced Placement Examination.

AP Physics I

Grades 11-12 2 semesters, 1 credit cc

Prerequisite: Concurrent enrollment or successful completion of Algebra II or higher, completion of Chemistry I or Pre-AP Chemistry is strongly recommended. Note: A scientific calculator is required for this course.

This course is designed to be the equivalent of an algebra based, introductory general physics course usually taken during the first college year. Students will explore principles of Newtonian mechanics; work, energy, and power; mechanical waves and sound; and introductory, simple circuits.



Social Studies

United States History

Grade 11 2 semester, 1 credit cc

This course is a study of United States history from the Pre Civil War era to the present. The focus of the course will be the major events of the second half of the 19th century, Civil War era, World War I and the Great Depression, World War II, the Cold War and issues from modern times.

World History

Grade 10-12 2 semesters, 1 credit cc

This is a study of world civilizations from prehistory to the present. The students will understand the impact of geography on civilizations, identify the major political and economic systems of the world, and examine the events, movements, ideologies, science, technology, and artistic cultures which have shaped the development of major world societies.

AP European History

Grades 11-12 2 semesters, 1 credit cc

This course is designed to develop a greater understanding of the evolution of European culture through the interaction with different types of human societies. This is an advanced course that uses a combination of selective factual knowledge and appropriate analytical skills. Students may earn college credit for successful scoring on the Advanced Placement Examination.

AP World History

Grades 10-12 2 semester, 1 credit cc

This is a college-level course taught at the high-school level. The course is designed to develop a greater understanding of global historical processes highlighting the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. It is focused primarily on the past 1,000 years of the global experience and, instead of focusing on continents and states, students study cultural regions and civilizations. Upon completion, students are urged to take the AP World History exam in May to obtain college credit if a passing score is earned.

US Government

Grade 12 1 semesters, 1/2 credit cc

This course will cover topics in the local, national, and world news. This class will use a variety of sources such as newspapers, magazines, televised news reports, the Internet, and video. Students will consider what makes headline news and why.

Modern History

Grades 10-12 2 semesters, 1 credit (Elective Credit)

This course will cover topics in the local, national, and world news. This class will use a variety of sources such as newspapers, magazines, televised news reports, the Internet, and video. Students will consider what makes headline news and why.

Native American Studies

Grades 10-12 2 semesters, 1 credit (Elective Credit)

This course will cover topics that explore Native American ways of living, understanding the world, and organizing their societies.

Personal Financial Literacy

Personal Financial Literacy

Grade 10-12 1 semester, ½ credit

The class is divided into 14 specific objectives which must be successfully completed in order to meet the State Department of Education requirements for obtaining the Personal Financial Literacy Passport. It is designed to provide students with the basic knowledge and skills needed to effectively manage their personal finances. Basic economic concepts such as; banking and financial services, understanding insurance, saving and investing, identity theft, making wise loan decisions, credit card debt, and planning retirement will be covered.

Foreign Language

Spanish I Grades 10-12 2 semesters, 1 credit cc

Recommendation: Minimum grade of “C” or better in English

Students in this course will learn a mixture of vocabulary, grammar, and culture. Students will work on language acquisition using listening, speaking, reading, and writing exercises. There will be cultural activities and projects that allow students to experience the culture of Spanish-speaking countries. (High school credit may be awarded to 8th graders who successfully complete this course.)

Spanish II Grades 10-12 2 semesters, 1 credit cc

Prerequisite: Spanish I

In this course students will continue to learn grammar, speaking and listening skills. There will be cultural activities and projects that allow students to learn more about Spanish-speaking countries. It is strongly recommended that Spanish I and II be taken in consecutive years. Prerequisite: Spanish I

Computer Science

Please Note: All students enrolled in a district computer course will be required to read, review and sign the “Acceptable Usage Policy” prior to use of district computer resources. The use of district computing resources is a privilege, not a right. Violation of district “Policies and Procedures” may result in cancellation of computer-use privilege and/or other disciplinary action. In addition, any user who willfully or through gross negligence destroys or damages any district computing resources may be held financially responsible. Computer vandalism will result in immediate cancellation of computer privileges and/or other disciplinary action.

Computer Applications I Grades 10-12 1 semester, ½ credit cc

Students will learn the basics needed to create and edit business and personal documents using Microsoft Word. Students will also learn to create and edit databases using Access software. Offered fall semester only.

Computer Applications II Grades 10-12 1 semester, ½ credit cc

Prerequisite: Successful completion of Computer Applications I

Students will learn to use Excel to manipulate numbers and data, create and edit spreadsheets, and create presentations using PowerPoint. Offered spring semester only.

Desktop Publishing Grades 10-12 1 semester, ½ credit cc

Prerequisite: Successful completion of Computer Applications I

In this course students will use Adobe Creative Suite 6, to create professional looking color publications. Students will learn to design and produce professional quality documents that combine text, graphics, illustrations, and photographs for use in coursework, professional purposes, and personal use. Offered fall semester only.

Fundamentals of Web Design Grades 10-12 1 semester, ½ credit cc

Prerequisite: Successful completion of Computer Applications I & Desktop Publishing

This course will use Dreamweaver CS 6, a Web page authoring and site management software, which allows students to create and manage professional quality Web sites without programming. Students will learn to develop Web sites that not only offer functionality and purpose, but also provide appeal and interest for Web page visitors. Offered spring semester only.

Advanced Computer Applications: Digital Video Editing Grade 10-12 2 semesters, 1 credit

(Elective Credit) Prerequisite: Computer Applications I and II & Teacher Evaluations Required.

This class will involve producing Coweta Tiger TV News along with other school video projects. Tiger TV is our school channel which is responsible for the filming of sporting events throughout the school year. This class will edit film for production of sporting events, specials and Tiger TV News. Students will be

responsible setting up equipment, filming, producing the event and editing video footage to produce projects. After each production, students will learn post production techniques and upload and edit footage to the file server. While in class, students will learn the techniques of editing and coordinating film from different types of events to create a video project and the video production needs to create live video and video projects. This class will require time outside of the classroom.

Advanced Web Design

Grade 11-12 2 semesters, 1 credit

(Elective Credit) Prerequisite: Computer Applications I and II & Teacher Evaluations Required.

Students will study photography, graphic design, web design, reporting, journalistic writing, editing, social media, customer service, and community relations. Students will apply these skills to the production of the Coweta Public Schools Website (cowetaps.org).

Students should see this class as a job which produces an authentic product--the district website. Students will be required to interact with faculty, administration, and fellow students at all campuses. Previous computer experience desired.

Fine Arts

Art I

Grades 10-12 2 semesters, 1 credit

This is a foundation course for beginning art students. The first semester covers observational drawing and compositional skills. Emphasis is placed on exploring the art elements: line, value, shape, color, form and space. During the second semester, students will explore perspective, color theory and painting. Students will develop their drawing skills using several mediums. The Art Talk textbook is used as a supplement.

Color and Design

Grades 10-12 1 semester, ½ credit

Color and Design teaches the elements of art and skills that will help students design artistic compositions. Color mechanics, color theory and painting will be taught. Students will use these skills in every other art class. This is a beginning course, but it can strengthen the skill of advanced learners as well. The Art Talk textbook is used as a supplement. This course is offered only in the fall semester.

Clay Studio I & II

Grades 10-12 1 semester, ½ credit

Prerequisite: Color & Design

This class combines both beginning and advanced clay students. Students will learn both clay techniques and skills to make clay, sculpt and glaze. Students will create individual sculptures, study contemporary and traditional artists. The Art in Focus and Sculpture textbook will be used as a supplement. This course is only offered in the spring semester.

Art II

Grades 10-12 2 semesters, 1 credit

Prerequisite: Art I

Art II focuses on advanced techniques and skills in drawing, painting and printmaking. Students continue to explore personal voice in their artwork and use the art elements and principles of design. Watercolor and portrait drawing will be introduced at this level. The Art Talk textbook is used as a supplement.

AP Studio Art

Grades 11-12 2 semesters, 1 credit

Prerequisite: Successful completion of Art I & Art II

The Advanced Placement Studio program enables highly motivated students to do college-level work while in high school. Students will be asked to select a portfolio as their priority focus. These portfolios are drawing, 2-D Design and 3-D Design. Students are required to sign a committal contract to submit a portfolio of work for evaluation. Students are required to shoot digital slides and upload them to the College Board website. New students entering the district must have teacher approval based on a portfolio review. Students may earn college credit for successful scoring on the Advanced Placement Examination.

High School Band

Grades 10-12 2 semesters, 1 credit

Prerequisite: Band Director signature required

In the fall the band focuses on the marching band. In the fall the band plays at all home games and most away games as well as up to four Saturday contests. The marching band also marches in parades and participates in various community functions.

In the spring semester the band focuses on the concert band literature and continuing the mastery of one's instrument. The concert ensembles/chamber ensembles devote time to all areas of the wind literature and present 3-4 performances per year. Admittance into this group is by head director's signature.

Jazz Ensemble

Grades 10-12 2 semesters, 1 credit

Prerequisite: Audition & Band Director signature required

The Jazz Ensemble 1 is designed for the serious musician who seeks to learn the finer points of jazz performance, improvisation, and jazz history. This group will perform at numerous concerts, a recruitment tour, and several contest throughout the year. Admittance into this group is by audition.

The Jazz Ensemble 2 is designed for those students wanting to get involved with the jazz music genre. This group will work to develop the jazz style of ensemble playing and further develop improvisation skills. Jazz 2 plays: three concerts per year and several contests throughout the year. Admittance into this group is by audition.

Drama I

Grades 10-12 2 semesters, 1 credit

Prerequisite: Successful completion of each class in succession & Drama teacher approval

This course is based upon strengthening the voice and improving pronunciation, following stage directions, reading orally, interpreting character's lines, memorizing, analyzing and creating a character, and playing the part. There is a study of costume design, set design, make-up and history of drama. Students are required to participate in all productions. Students will be required throughout the year to attend 7:00 a.m. and Saturday morning rehearsals and all performances in order to receive a passing grade. Students will complete play reports each semester.

Drama II, III, IV (Advanced Drama)

Grades 11-12 2 semesters, 1 credit

Prerequisite: Successful completion of each class in succession & Drama teacher approval

The advanced drama course is designed to build upon past theatre experiences and enhance performance skills. The class will cover ensemble work, movement, voice, scene and play analysis, improvisational skills, character analysis and performance, monologues, audition skills, and theatre history with an emphasis on performing the classics. Students are required to enter and participate in the one-act play competition and in all productions. Students will be required throughout the year to attend 7:00 a.m. and Saturday morning rehearsals and all performances in order to receive a passing grade.

Speech

Grades 10-12 2 semesters, 1 credit

Introduction to Speech is a public speaking class in which students practice a variety of public speaking events. Areas of study include, but are not limited to informative, persuasive, impromptu, and demonstration speaking, mock trial, and debates. Students deliver a variety of speeches and performances within these areas of study.

Mixed Choir

Grades 10-12 2 semester, 1 credit

Mixed Choir is for any person interested in vocal music. Students will sing daily, learn about fundamental singing techniques, basic music theory, sight reading, and different music styles, various time periods of music, as well as different composers will also be explored.

Family and Consumer Science

Parenting and Child Development

Grades 10-12 1 semester, ½ credit

This course is designed to provide basic knowledge of child development and to develop skills necessary

to care for children and promote children's development. Students also examine theorists, child health, first aid and nutrition. Students should have opportunities to guide children's behavior and meet the needs of special age groups. Careers in early childhood care and education are explored.

Marriage and Family Life

Grades 10-12 1 semester, ½ credit

This comprehensive course is designed to help prepare students for their roles as adults in the home and in their careers. Areas of instruction, activities, and practical application are in consumer education, nutrition, parenthood education, relationships, and management of resources.

Introduction to Hospitality and Tourism

Grades 10-12 1 semester, ½ credit

This course is designed to give students an overview of careers in the hospitality and tourism industry. Guest speakers and tours to hospitality and tourism facilities are included in this course. Areas of study include food service, lodging, travel and tourism, recreation, and attractions.

Touring Oklahoma

Grades 10-12 1 semester, ½ credit

The purpose of Touring Oklahoma is to provide a framework for thinking about the state's many travel destinations and events. This is done in two major ways. First, the curriculum approaches Oklahoma as a state of six countries--the groupings of individual counties that form distinct regions in the state. The six regions are: Arbuckle Country, Frontier Country, Great Plains Country, Green Country, Kiamichi Country, and Red Carpet Country. Second, destinations and events within each region are profiled in terms of major tourism themes. These themes are: agricultural destinations and events; aviation and aerospace destinations and events; nature-based destinations and events; culture and heritage destinations and events; arts and entertainment destination and events; sports destinations and events; and weather-related destinations and events

Food Preparation, Nutrition, and Wellness

Grades 10-12 2 semesters, 1 credit

This course is designed to introduce students to food preparation, health and wellness covering the lifespan. Topics include importance of daily nutrition choices on long-term health and wellness, as well as preparation of nutritious meals based on USDA's dietary guidelines meeting one's physical, social and physiological needs. Additional topics include safety and sanitation, meal planning, cultural and international food considerations, career exploration, science, technology and environmental concerns.

FOODS III- Advanced Nutrition, Wellness and Food Skills

Grades 10-12 2 semesters, 1 credit

Prerequisite: Successful completion of Food Preparation classes.

The focus of course is chemistry as it relates to foods. Emphasis is on lab activities that focus on chemistry principles and scientific method. Topics include safety in the lab, basic principles of chemistry, properties of water, acids and bases, enzymes and food preparations, additives and preservation, nutrition and the body, healthy food choices, handling and storing food, baking principles, using recipes, proteins, milk and dairy products, fruits and vegetables, grains and legumes, lipids, public health issues including bioterrorism and exploration of food science careers.

FACS Capstone

Grades 10-12 2 semesters, 1 credit

Prerequisite: Concurrent enrollment or successful completion of FOODS III

OK CareerTech capstone courses are instruments used to measure the attainment of curricular outcomes or competencies at the culmination of their career major. It is an in-depth opportunity for the student to demonstrate accomplishment of the full spectrum of their learning. It should be student centered and directed, which requires analysis and synthesis of knowledge and skills. It should integrate what the student has learned from specific career major courses along with their academic courses. Capstone courses are the application of all that the student has learned and serve as a pure evaluation instrument when assessed by a panel of the career major experts. In this context community can be defined as a school group, classroom, church, community, town, or city.

Electives

Athletic Training / Manager

Grades 10-12 2 semesters, 1 credit

Prerequisite: Coach approval.

This course is designed to expose the student to experiences common to the practice of athletic training and to allow the student to demonstrate proficiency in the areas of athletic injury prevention and acute care. For grades 9-12, students may be enrolled in this course year round. Prerequisite: Coach approval.

College & ACT Preparation

Grades 11-12 1 semester, ½ credit

This class is designed for juniors and seniors who are preparing to take the ACT and attend college.

General topics that will be covered are: test taking strategies, scientific reasoning, upper level math, the importance of ACT scores, preparing to apply for college, discussion of financial aid, and how to apply for scholarships. The class will be divided into 9-week sessions focusing on a specific subject each session. Practice ACT tests will be taken regularly.

History of Religion

Grades 10-12 2 semester, 1 credit

This elective course will focus on the influence of the Bible on history, culture, the arts, and contemporary issues. It will examine the religious dimensions of human experience in a broader cultural context, including its relation to economic, political, and social institutions. The study will permit and encourage a comprehensive and balanced examination of the entire spectrum of ideas and attitudes pertaining to the Bible as a component of human culture.

History of Film

Grades 10-12 2 semesters, 1 credit

This course will examine the history of American film including silent movies, musicals, film noir, movies of the Golden Age of cinema, to more modern movies and some independent films. The course will include the study of aesthetics and technological breakthroughs, as well as the movies portraying cultural and political history. We will also study specific directors and how they affected cinematic history. You will be required to read and analyze articles and information pertaining to the history of film genres and directors, but also write and review movies based on given criteria.

Senior Internship

Grade 12 1 semester, ½ credit

Prerequisite: Student application and on track for graduation.

This course is designed to offer seniors the opportunity to experience various work settings and occupations. Students enrolled in this course will be assigned two eight week sessions with local business partners. Students will receive instruction through the Junior Achievement Success Skills curriculum prior to each eight week internship assignment. Successful completion of this course includes meeting attendance requirements, completing google classroom assignments and supervisor evaluations.

Leadership

Grades 10-12 2 semesters, 1 credit

Prerequisite: Student Application & Teacher Evaluations Required. Must have a GPA of 2.5 and cannot exceed 10 absences.

NOTE: Student Council officers are required to enroll in this course.

The purpose of the Leadership Class is to train students in the essentials of leadership, to provide a leadership training situation in which students develop an appreciation of the duties and responsibilities of citizenship, and to provide time to perform specific tasks associated with the responsibilities of their particular office. Specific areas of instruction include proper completion and evaluation of assigned duties; learning the proper attitude toward authority; actively participating in group meetings and decision making; developing skills in minute writing, letter writing, committee reporting, evaluative and critical analysis of individual and group efforts; and learning to evaluate progress in terms of set goals. This course is designed to instruct students in the various methods of technique for planning, implementing and evaluating projects related to school activities. Students must be willing to participate in a variety of after school activities. Topics include public speaking, group dynamics, creative visuals, and community service.

Library Science Grade 11-12 2 semesters, 1 credit

Prerequisite: Student Application & Recommendation Letter Required.

This course offers the student a supervised work experience in the school library/media center. The primary emphasis is the development of the basic knowledge and skills needed to assist in the school library/media center, including, materials management, library automation, computer applications, reference tools, young-adult literature, electronic information retrieval and providing assistance to peers and faculty. This course is highly recommended for students wishing to increase their skills in information systems or who are considering a career in the field of information services.

Office Procedures Grade 12 2 semesters, 1 credit

Prerequisite: Teacher evaluations & administration approval

This course is an introduction to office procedures and concepts which focus on skills necessary for office workers at every level. Students will be under the direct supervision of teachers, counselors or office administrative assistants. Skills addressed include effective communication, telephone and business office etiquette, public relations, filing and copying procedures. Students will be assigned to a school office and will perform a variety of tasks including running errands. Written coursework and daily log of activities is required.

Peer Tutoring Grade 12 2 semesters, 1 credit

Prerequisite: Student Application & Teacher Evaluation Required. School assignment is at the Peer Tutoring teacher's discretion.

This course is designed to provide students with a unique opportunity to earn credits while helping students with special needs on campus. Students will be under the direct supervision of classroom teachers. During peer tutoring students will assist special needs students with various learning skills such as reading, math, computers, playing games, or social skills. Students will be required to write a semester essay pertaining to their experiences in this program.

Physical Education Grade 9-12 2 semesters, 1 credit

This course is designed to provide students with the opportunity for physical activity. Students will be involved in team and individual sport activities in an effort to improve their mental and social development, and physical fitness.

Reading for Pleasure Grades 10-12 2 semesters, 1 credit

This course designed for students who truly appreciate reading, but may not have enough time to read books they personally enjoy within the confines of their busy schedules. Class activities include written projects surrounding books and oral book sharing, but the primary emphasis is on the act of reading itself. For students who enjoy reading, this class can be relaxing respite. For those who do not already possess an appreciation for literature, Reading for Pleasure can foster an interest in books and increase reading skills needed for every other area of study, both in high school and beyond.

Strength and Conditioning Grades 10-12 2 semesters, 1 credit

Prerequisite: Doctor's Physical Exam, Enrollment in Athletics

The purpose of this course is to introduce students to ways of developing muscular strength, agility, flexibility and cardiovascular endurance.

Tiger.net Grades 10-12 1 semester, ½ credit

Virtual classes for credit recovery or elective purposes delivered through our online platform Odysseyware. Odysseyware Lessons, Assessments and Instructional Tools are designed to equip learners with resources for academic success, incorporating a mix of grade-appropriate text, direct instruction videos, learning activities and games. Odysseyware lessons also integrate numerous instructional supports to address diverse learning styles and allow ongoing collaboration between learners and teachers.

Weightlifting

Grade 10-12 2 semesters, 1 credit

This course is designed to improve student's physical strength and mobility for self-improvement. The program involves stretching, cardiovascular and muscular systems of the body. Students will develop proper techniques in conditioning, strength training, and powerlifting.

Work Supervision

Grades 12 2 semesters, 1 credit

This course may be taken for a full year during first or last hour only. In this course students receive elective credits for working after school hours and on-job experience. Students report to their assigned instructor at the beginning of each semester and at teacher discretion to complete required paperwork and go over course rules. After that time the student is released during this period to go to work. Students will also gain instruction in general workplace competencies connecting a student's career goal. A successful evaluation by the student employer/supervisor is required for credit. Areas of evaluation include: attendance, attitude, personal appearance, and work performance. Students must work the entire semester to receive credit. The work site must be approved by the instructor.

Yearbook I, II, III

Grades 10-12 2 semesters, 1 credit

credit

Prerequisite: Successful completion of each class in succession. Students must have earned an "A" or "B" in their English classes & have strong writing skills. Students must complete an application and interview with the Yearbook instructor.

This course offers the student experience in various types of journalistic writing, editing, photography and layout design. Students are responsible for publication of the school yearbook.

Vocational Agriculture

Agriscience I

Grades 10-12 2 semesters, 1 credit

This is an introductory course that lays the foundation for introduction into one of the seven pathways. Content includes animal science, plant and soil science, agribusiness and economic principles, and agricultural mechanics.

Agriscience I is the prerequisite for all agriculture education classes. Suggested for 9th grade students.

Introduction to Natural Resources and Environmental Science

Grades 10-12 2 semesters, 1 credit

Prerequisite: Agriscience I

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. Suggested for 10th grade students.

Introduction to Agricultural Communications

Grades 11-12 2 semesters, 1 credit

Prerequisite: Agriscience I, Introduction to Natural Resources and Environmental Science

This course is designed to introduce students to the broad field of ag communications. Content includes the role and history of electronic media, legal aspects of communication, news and feature writing in agriculture, news photography, ethics, and Web layout and design.

Agricultural Power and Technology I

Grade 12 2 semesters, 1 credit

Prerequisite: Agriscience I, Introduction to Natural Resources and Environmental Science, Introduction to Agricultural Communications

ADVISOR APPROVAL REQUIRED

This course is designed for students who want to build on the skills and fundamentals in agricultural mechanics. Content includes maintenance or agricultural tractors, kinds and uses of agricultural equipment, internal combustion engine principles, and some metal fabrication.

Vocational Technology

Wood Technology I, II & III

Grades 10-12 2 semesters, 1 credit

Prerequisite: Technology Education I & successful completion of each class in succession

These classes study the engineering design process through a series of group and individual wood based projects. Shop safety rules and regulations, basic computer drafting, basic woodworking, basic instruction in hand tools and machines related to woodworking, and the engineering design process will be covered. Students must pass a safety exam with a 100% to participate in class. Students will be required to purchase materials for individual projects.

Indian Capital Technology Center

Coweta High School students are eligible to attend the Indian Capital Technology Center in Muskogee, Oklahoma during their junior and senior years in high school. A highly competitive enrollment requires that students apply early, maintain good attendance at their local high school, and have good grades. Students may elect to attend during the morning session from 8:10 until 11:05 or the afternoon session from 11:55 until 2:24. A bus is provided to and from the Tech Center. Students have the option of riding the bus or providing their own transportation. Morning Tech students will earn four (4) credits for the year at the Tech Center and four (4) credits at the high school. Afternoon Tech students will earn four (4) credits at the Tech Center and three (3) credits at the high school. The difference is due to the travel time to the Tech Center in the afternoon. There will be no cost to attend Indian Capital Technology Center while a student is attending high school. The following courses are offered at the Indian Capital Technology Center:

-Students can earn college credit at Connors State College for these courses taken at Indian Capital Technology Center.

-Students can earn college credit at OSU-IT for these courses taken at Indian Capital Technology Center.

** Students can earn college credit at Connors State College for these courses taken at Indian Capital Technology Center, Muskogee Campus.*

Students can earn college credit at OSU-IT for these courses taken at Indian Capital Technology Center, Muskogee Campus.

BioMedical Academy

Biomedical Academy program is a real world problem-solving approach to learning. Students are introduced to bioinformatics including mapping and analyzing DNA, and they will explore human medicine through hands-on experiences. **Throughout this 2 year program students have the possibility of taking 4 AP courses.

Automotive Collision/ Refinishing

Students are introduced to metal and paint repair, collision repair, estimating damages, plastics, and adhesives, and non-structural repair. Students will experience welding, masking, sanding, and painting.

Auto Service Technology &

Students will learn problem-solving skills while working on automotive principles, engine performance and repair, brakes and front ends, steering and alignment, computer controls, electrical systems and more.

Business, Management and Administration*&

Students entering this program are given instruction in basic math skills utilizing the ten-key calculator by touch, English skills and computer operations using Windows 2000, and Microsoft Office. Advanced students are able to specialize in accounting and finance, web page design and multimedia, medical, legal, administrative support or insurance.

Cosmetology

Students will learn skills necessary to become a licensed cosmetologist, manicurist, or esthetician. This program teaches modern salon techniques in today's world of beauty. This is a highly competitive program. Upon completion of this course, students may register for the State Board of Cosmetology examination.

Culinary Arts*&

This course introduces students to careers in food service and teaches the basic skills necessary for a future in the food service industry. This course includes an internship within the food service industry. Students also have the opportunity to sit for the National Restaurant Association Board Certification Exam.

Drafting*&

This course provides experience and technical information to help students become a skilled drafter. Computer Aided Drafting (CAD) is taught to ensure the best technical skills available for the present job market.

Electricity*&

Students learn basic electrical theory, electrical connections, lighting outlets and switches, residential wiring, wiring for motors and electrical controls, transformers and meter loops, and commercial and industrial wiring.

Graphic Communications*

Students who want to pursue a career or degree in offset printing, commercial art, advertising, journalism, digital design, and photography are encouraged to take this course. Skills will be developed in customer service, design, plate making, desktop publishing, offset press operations and bindery production.

Health Careers Certification*&

This is the only one-year program at the Tech Center. Students will study CPR, First Aid, & medical terminology. The second semester of this class covers anatomy and physiology. This second semester is approved by Coweta High School as a lab science, which meets curricular requirements for graduation.

Heating, Ventilation, and Air Conditioning *&

Students are taught to work on both residential and commercial heating and air units as well as refrigeration units. Students must have basic math skills, good reading skills, and good problem solving skills. Students in this program attend for two years with a third year option.

Information Technology / Cisco*&

Students will become proficient in network design and developments as well as diagnosis and troubleshooting technical issues, involving computers and networks,

Machine Tool Technology*&

Students will learn to operate lathes, mills, drills, and CNC equipment. They will receive training in shop safety, shop math, blueprint reading and measuring tools.

Sports Medicine and Therapeutic Services

This course is designed for students interested in fields such as athletic training, physical therapy, fitness, physiology of exercise, kinesiology, nutrition, and other sports medicine related fields.

Service Careers

Students will perform lawn care and landscaping as well as receive instruction in window/wall care, equipment maintenance, carpet/floor care, and institutional maintenance.

Welding &

Students will improve their skills in math and measuring. They will have the opportunity to perform oxyacetylene cutting, shielded metal arc welding, gas metal welding, gas tungsten arc welding, blueprint reading and pipe welding.

** Students can earn college credit at Connors State College for these courses taken at Indian Capital Technology Center, Muskogee Campus.*

& Students can earn college credit at OSU-IT for these courses taken at Indian Capital Technology Center, Muskogee Campus.

Coweta High School Athletics

Athletic participation is available to both boys and girls in a variety of sports. The signature of the head coach must be obtained on the enrollment form prior to a student being enrolled in a sport. When enrolling in a sport, the student will remain in that class for the duration of the semester or for the entire year if the sport is offered year-round. Students may participate in more than one sport. Athletics is part of the school day and will be one of a student's three elective choices.

Athletic tryouts will be conducted for some sports. Immediately following tryouts, the head coach will notify each student as to their status for that particular sport.

Girls Athletics:

Athletic Manager/Trainer, Basketball, Cheerleading, Cross Country, Golf, Soccer, Softball, Track, Volleyball

Boys Athletics: Athletic Manager/Trainer, Baseball, Basketball, Cross Country, Football, Golf, Soccer, Track, Wrestling

For further details or information, contact the athletic department:

*Mr. Tim Johnson, Athletic Director
Athletic Office: 918-486-6688*

NCAA Division I and II Clearinghouse for College Scholastic Eligibility

As a prospective college student-athlete of a D-I or D-II institution, you have certain responsibilities to attend to before you may participate in college athletics. If you plan on entering college in the Fall of 2015 you must have completed high school; have successfully completed 16 core classes for D-I & 16 core classes for D-II while in high school; and have a core-course grade-point average and a combined score on the SAT or a sum score on the ACT based on a NCAA GPA/TEST score index. The 16/16 core classes and score index can be found on the NCAA website or in the Counselor's office.

All prospective athletes must register with the NCAA Clearinghouse in order to participate in DI and DII schools.

It is the student's responsibility to register with the NCAA Clearinghouse and to make sure they take the required courses for eligibility!

This is the first step for any athlete who intends on participating in a D-I or D-II college/university. You may complete this process at www.eligibilitycenter.org.

DIVISION I Requirements (16 core course rule)

- 4 years of English
- 3 years of Mathematics (Algebra I or higher)
- 2 years of Natural/Physical Science
- 1 year of additional English, Math or Natural/Physical Science
- 2 years of Social Science
- 4 years of additional courses (from any area above or foreign language, philosophy, comparative religion)

**10 of above core classes must be completed before senior year in high school., and 7 of the 10 must be in English, Math, or Science.

NOTE: Computer Technology classes DO NOT count for the NCAA Clearinghouse.

DIVISION II Requirements (16 core course rule)

- 3 years of English
- 2 years of Mathematics (Algebra I or higher)
- 2 years of Natural/Physical Science (1 year of lab if offered by high school).
- 3 years of additional English, Math or Natural/Physical science
- 2 years of Social Science
- 4 years of additional core courses (from any area above or foreign language, philosophy, comparative religion)