



**Yukon High School
Course Description Guide
2015 - 2016**

“Excellence in Education”

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Yukon Public Schools MISSION STATEMENT

Yukon Public Schools, through its students, curriculum, staff, facilities and community, is committed to excellence. We believe this commitment will provide the opportunity for all students to become successful, contributing world citizens.

ENROLLMENT INSTRUCTIONS

All students will bring home enrollment forms and information the third quarter of school.

Parents should review the information and enrollment forms with their students, sign the appropriate forms, and return them by the given deadline.

Sophomores, Juniors, and Seniors will complete the enrollment process with school counselors through the computer labs at school.

All in-coming freshmen and their parents are invited to Freshman Enrollment Night.

Daily Schedule

Students will attend academic classes 1st - 7th hours. During 8th hour, students may participate in Athletics, Fast Track/Virtual Courses and other courses offered as need arises.

HOUR TIME

	1	7:35 – 8:31 AM
	2	8:37 – 9:33 AM
	3	9:39 – 10:35 AM
	4	10:41 – 11:37 AM
	5	11:43 – 12:39 PM
	6	12:45 – 1:41 PM
	7	1:47 – 2:43 PM
	8	2:49 – 3:45 PM



Yukon Public Schools Website

Yukon Public Schools Requirements for High School Graduation

Senate Bill 982 was passed by the Oklahoma Legislature and signed into law by Governor Henry on June 7, 2005. The law requires eighth grade students entering the ninth grade starting with the 2006-2007 school year to complete a college preparatory curriculum, unless the student's parent or legal guardian approves the student to "opt out" of the college preparatory curriculum.

Choosing the courses a student takes in high school is an important decision for parents and students. A college preparatory curriculum is challenging and may help determine a student's future success. Research indicates that students who take a college preparatory curriculum and pursue education and training beyond high school have more career opportunities and have a higher income and rate of employment.

4 Units of English

English I / Grammar & Composition (9th)

English II / World Literature (10th)

English III / American Literature (11th)

English IV / English Literature (12th)

4 Units of Mathematics**

Algebra I (9th unless taken in middle school)

(Algebra I and Geometry taken in middle school do not count as 1 of the 4 math courses required for graduation)

Geometry / Pre AP Geometry

Intermediate Algebra

Algebra II / Pre AP Algebra II

Algebra III

Pre AP Pre-Calculus

AP Calculus AB

AP Statistics

*Math of Finance (This course is NOT a college preparatory class)

3 Units of Social Studies

Oklahoma History (9th)

World History / AP World History / AP European History (10th)

United States History / AP United States History (11th)

United States Government / AP United States Government (12th)

1/2 Unit of Keystone (9th)

This course meets the state requirement of Financial Literacy.

3 Units of Science

Physical Science / Pre AP Physical Science (9th)

Biology / Pre AP Biology (9th)

Chemistry / Pre AP Chemistry

Zoology

Anatomy / Physiology

Physics / Pre AP Physics

AP Biology

AP Chemistry

AP Physics B

AP Environmental Science

2 Units of World Language (Consecutively taken)

Spanish*

French

OR

2 Units of Computer Technology

(Approved for College Admission)

1 Additional Unit Above or a Career Technology Course approved or College Admission *



Requirements for Graduation, Continued

17.5 Required Units

5.5 Elective Units

23 Total Units for Graduation

- * The State of Oklahoma requires successful completion of one unit in Fine Arts. This unit is integrated in English and history and fulfills the requirement for arts competency.
- * No more than 4 units of physical education or athletics may be counted toward the units required for graduation.
- * Spanish I or French I successfully completed in eighth grade will count as one of the two foreign language units required if Spanish II is taken in the 9th grade.
- * With parent permission, a student can opt out of the additional unit or career technology course.
- * Some courses may not meet National Collegiate Athletics Association (NCAA) requirements for college entrance. Consult your school counselor for additional information.
- * * By board policy, Yukon High School exceeds state requirements in mathematics.

CPR/AED Training:

Beginning in 2015-2016 school year, in order to graduate from a public high school, students must complete the CPR/AED Training.

Personal Financial Literacy Requirement (Title 70 O.S. § 11-103.6h)

Beginning with students entering the 7th grade in the 2008-2009 school year, in order to graduate from a public high school, students must complete and demonstrate satisfactory knowledge in 14 areas of instruction related to financial literacy, including such topics as credit card debt, saving money, interest, balancing a checkbook, understanding loans, identity theft, and earning an income. School districts have the option of determining when the areas of instruction are taught and whether these are integrated into existing courses or taught as a separate course (which may count as an elective credit).

Enrollment Status

Yukon High School is dedicated to the education of each student. Listed in this course description guide are the classes in the curriculum of Yukon High School, grades 9-12. Students must enroll in at least six units. Courses successfully completed at the Canadian Valley Technology Center earn up to three units of credit per year.

Freshman:	First year of high school.
Sophomore:	A student must successfully complete a minimum of 3 units (6 credits) of core courses (math, science, English, social studies) and a total of 4 units (8 credits).
Junior:	A student must successfully complete a minimum of 9 units (18 credits).
Senior:	A student must have successfully completed 15 units (30 credits) and have a reasonable expectation of completing the units required for graduation by the end of the summer term immediately following the current school year.

End of Instruction Exams

All students must take an end-of-instruction exam as they complete specified courses. There are seven exams, and scores are reported on a student's transcript. Four exams of the seven MUST receive a satisfactory or advanced score in order to graduate from high school.

Algebra I (MUST pass)	English II (MUST pass)
Geometry	English III
Algebra II	US History
Biology I	

Canadian Valley Technology Center

If students attending Canadian Valley Technology Center are relying on school transportation, the student must enroll in the morning session.

Summer School Requirements

The Yukon Public School System will provide a summer school limited to those students who have failed one or more semesters of courses required for graduation. Minimum class size must be met before a class will be offered. It is imperative that all students, who expect to graduate with their class, make up any units that they have failed which are required for graduation. Oklahoma regulations limit units earned during accredited summer high school to one unit, or two semesters.

Concurrent Enrollment

The concurrent enrollment program provides an opportunity for interested junior and senior students to expand their course studies. Concurrent enrollment is a cooperative program set forth by the State Board of Education and the Regents for Higher Education. It allows junior and senior students enrolled in an accredited Oklahoma high school to be admitted provisionally to a college or university in the Oklahoma State System of Higher Education as special students, provided they meet certain requirements.

Students must be enrolled in less than a full time load at the high school they are attending. The students must be eligible for graduation from high school no later than the spring semester of their senior year.

See counselor for details.

Eligible high school seniors are entitled to a tuition waiver for up to six (6) credit hours per semester, subject to availability of funds. Students may enroll the summer prior to the senior year.

Yukon High School
Counseling Website



Advanced Placement Courses

Pre-Advanced and Advanced Placement courses are for college-bound students who want a more comprehensive education. A pre-advanced placement student may spend an average of 45 minutes each night per class in meaningful homework. An advanced placement student may spend an average of 90 minutes per night, per class. An Advanced Placement course provides students the opportunity to potentially earn college credit. Because the courses require college level performance, students who elect to take advanced placement must be realistic about their commitment. Such courses require self-discipline, above average ability, adequate time for homework and a willingness to see the course through to the final exam. In December, 1999, the Oklahoma State Regents for Higher Education approved a policy to adjust a student's GPA to reflect taking an AP course.

Students who elect to take Advanced Placement courses will have the challenge of participating in a class with other students who are motivated and share an appreciation for the value of academic achievement. Pre-Advanced and Advanced Placement curriculum can not be modified.

Pre AP Courses

French III	Pre-Calculus
Spanish III	Biology I
English I	Physical Science
English II	Chemistry
Geometry	Physics
Algebra II	

Ap Courses

Studio Art 2D and 3D	Music Theory
Art History	Physics I: Algebra-Based
French Language	Physics II: Algebra-Based
Spanish Language	Environmental Science
Spanish Literature/Culture	Psychology
English Language	U.S. History
English Literature	U.S. Government
Calculus AB	European History
Statistics	Human Geography
Biology	Macroeconomics
Chemistry	

Oklahoma Academic Scholar

(updated annually by the State of Oklahoma)

A student's grade point average must be a 3.7 unweighted through first semester of 12th grade or be in the top 10% of the graduating class.

A student must complete (or will complete) 22 units for graduation consisting of at least:

- 4 Units of English
 - Grammar, Composition, Literature
- 3 Units of Math
 - Algebra I, Geometry, Algebra II, Algebra III, Pre-Calculus, AP Calculus, AP Statistics
- 3 Units of Science
 - Biology, AP Biology, Chemistry, AP Chemistry, Physical Science, Botany, Zoology, Physics, Physiology, AP Environmental Science
- 3 Units of Social Studies
 - US History, Oklahoma History, Government, Sociology, Psychology, Economics, Anthropology, Geography

A student must score a 27 on the ACT or 1220 combined score on the SAT. The ACT or SAT must have been taken on a national test date before the date of graduation.

Certificate of Distinction

Students who meet the specified requirements will be recognized as graduates of distinction.

- 4 Units of English
- 4 Units of Mathematics
- 4 Units of Social Studies
- 4 Units of Science
- 2 Units of World Language
- 2 Units in the area of Technology, the Humanities, or the Arts

Must have a minimum 3.25 Grade Point Average of a 4.0 Scale

Must achieve a satisfactory or advanced score, or its equivalent, on all State End-of-Instruction Exams.

Please note that the Certificate of Distinction is not a diploma. However, satisfactory completion of these requirements will be noted on the student's diploma.

Oklahoma's Promise Program Requirements

High School Requirements

The student must:

Graduate from high school and complete all high school requirements by the time of graduation.

Achieve at least a **2.5 cumulative GPA** for all course work attempted in grades 9 through 12.

Complete the following 17-unit college prep core curriculum and achieve at least a 2.5 cumulative GPA for the 17-unit core curriculum. The curriculum must be strictly followed and students should be aware that some courses that meet high school graduation requirements do not meet Oklahoma's Promise requirements.*

4 English (grammar, composition, literature; courses should include an integrated writing component)

3 Lab science (biology, chemistry, physics or any lab science certified by the school district; general science with or without a lab may not be used to meet this requirement.)

3 Mathematics (Algebra I, Algebra II, geometry, trigonometry, math analysis, pre-calculus [must have completed geometry and Algebra II], calculus, Advanced Placement-[AP] statistics)

3 History and Citizenship skills (including 1 unit of American History and 2 additional units from the subjects of history, economics, geography, government and/or non-Western Culture.)

2 Foreign or non-English language (two years of the same language)

OR

Computer Technology (two units in programming, hardware, or business computer applications such as word processing, databases, spreadsheets, and graphics will qualify. Keyboarding or typing classes do not qualify.)

(1 foreign language & 1 computer course will not meet this requirement.)

1 Additional Course of any of the subjects listed above

1 Fine Arts (music, art, drama) or speech

17 Total Units Required

The student must also agree to:

- attend school regularly and do homework regularly;
- refrain from substance abuse;
- refrain from criminal or delinquent acts;
- have school work and school records reviewed by an appropriate school official;
- when requested, provide information to the Oklahoma State Regents for Higher Education or the State Board of Education; and participate in program activities.

[Note: Compliance with conduct standards will be based upon the local school district's policy.]

Remember: You, the student, are ultimately responsible for completing the program requirement

To be eligible to enroll in Oklahoma's Promise, a student must meet the following requirements:

The student must be a resident of the State of Oklahoma.

The student must be enrolled in the 8th, 9th, or 10th grade.

The income of the student's parent(s) from taxed and untaxed sources for the most recently completed federal tax year must not exceed \$50,000. Special income provisions apply to children adopted from certain court-ordered custody and children in the custody of court-appointed legal guardians. **Contact the Oklahoma's Promise office for more information.**

**THIS INFORMATION IS SUBJECT TO CHANGE.
CONSULT THE OKLAHOMA'S PROMISE WEBSITE FOR COMPLETE INFORMATION.**

ART

ART I

Course ID# 000501
Grades 9 - 12 - Year

Art I is a course of instruction focusing on the study of the two-dimensional areas of art. These areas include drawing, painting, and design. The students will demonstrate the fundamental use of the *Elements of Art* and the *Principles of Design* through various projects that promote creative thinking, problem solving, and the practice of technical skills. Art I is the first high school art course which gives the student broad scope into the production, aesthetics, criticism, history, and careers in the visual arts. Students will also have the opportunity to participate in an end of the year art exhibit and several creative competitions. Students will be financially responsible for supply costs.
Supply Fee: \$25.00

ART II

Course ID# 000503 -
Grades 10-12 - Year

Art II is the continuation of Art I with a review and application of the *Elements of Art* and the *Principles of Design*. Art II focuses on the exploration of different media and techniques of creating Art. The students will explore more diverse styles of art and subject matter using more advanced materials, as well as the introduction to three dimensional art and ceramics. Students will be financially responsible for supply costs.

Pre-requisite:

Successful completion of Art I
Supply Fee: \$30.00

ART III

Course ID# 000505
Grades 11-12 - Year

Art III is the continuation of Art II with the students using their knowledge of the *Elements of Art* and the *Principles of Design* to experiment with their own creative style and conceptual ideas. Students will examine the work of the masters throughout history to assist in the development of their own style of art. Advanced and more professional materials will be used including the use of acrylic and oil paint, clay and glazes, and canvas.

Pre-requisite:

Successful completion of Art II
Supply Fee: \$40.00

ART IV

Course ID# 000504
Grades 11-12 - Year

Art IV is an independent study course with students using their knowledge of the *Elements of Art* and the *Principles of Design* to develop their own artistic style and conceptual ideas. During the first semester of the course, students will lead their own artistic inquiries (with instructor guidance) by experimenting with different styles and methods of art making. During the second semester, the students will create a portfolio of work that will present their own unique and cohesive artistic style. This portfolio of work will be presented during the annual YHS Art Show in May. Advanced and more professional materials will be used; including the use of acrylic and oil paint, clay and glazes, and canvas.

Pre-requisite:

Successful completion of Art III
Supply Fee: \$40.00

AP STUDIO DRAWING

Course ID # 000515
Grades 11-12 - Year

The AP Studio Art (Drawing) course teaches students a variety of concepts and approaches in drawing and painting so that the student is able to demonstrate a range of abilities and versatility with technique as well as with problem-solving. Such conceptual variety can be demonstrated through either the use of one or the use of several media, and places emphasis on the use of "mark marking" through drawn or painted works.

Additionally, the course teaches students a variety in concepts and approaches so that the student is able to demonstrate a range of abilities and versatility with ideation (i.e. "breadth"). Students will also work with a specific theme, thus establishing the foundation of their "Concentration" for their portfolio submission.

Students are required to complete 24 works of art for this course in order to submit to the AP Portfolio Review in May.

***Approximate cost of exam is \$95**

Pre-requisite:

Art I, Art II, Portfolio submission and teacher approval.
Supply Fee: \$50.00 per semester.

ART

AP STUDIO 2D

Course ID #000512
Grades 11-12 - Year

The AP Studio Art (2-D) course teaches students a variety of concepts and approaches in 2-D design so that the student is able to demonstrate a range of abilities and versatility with technique as well as with problem solving. Such conceptual variety can be demonstrated through either the use of one or the use of several media including photography, collage, and digital art or design.

Additionally, the course teaches students a variety in concepts and approaches so that the student is able to demonstrate a range of abilities and versatility with ideation (i.e. "breadth"). Students will also work with a specific theme, thus establishing the foundation of their "Concentration" for their portfolio submission.

Students are required to complete 24 works of art for this course in order to submit to the AP Portfolio Review in May.

***Approximate cost of exam is \$95**

Pre-requisite:

Art I, Art II, Portfolio submission and teacher approval.
Supply Fee: \$50.00 per semester.

AP STUDIO ART 3D

Course ID# 000513
Grades 11-12 - Year

The AP Studio Art (3-D) course teaches students a variety of concepts and approaches in 3-D design so that you are able to demonstrate a range of abilities and versatility with technique as well as with problem-solving. Students are asked to demonstrate mastery of 3-D design through any 3-D approach, including, but not limited to, figurative or nonfigurative sculpture, architectural models, metal work, ceramics, glass work, installation, assemblage and 3-D fabric/fiber arts. There is no preferred style or content. Additionally, the course teaches a variety in concepts and approaches so that the student is able to demonstrate a range of abilities and versatility with ideation (i.e. "breadth"). Students will also work with a specific theme, thus establishing the foundation of their "Concentration" for their portfolio submission.

Students are required to complete 16 - 20 works of art for this course in order to submit to the AP Portfolio Review in May.

***Approximate cost of exam is \$95**

Pre-requisite:

Art I, Art II, Portfolio submission and teacher approval.
Supply Fee: \$50.00 per semester.



APART HISTORY

Course ID# 000511
Grades 11-12 - Year

The AP Art History Course will engage students at the same level as an introductory college art history survey course. In the course, students will examine and critically analyze major forms of artistic expression from the past and present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes how and why works of art function.

***Approximate cost of exam is \$95**

Pre-requisite:

Art I, World History or AP European History

CERAMICS I

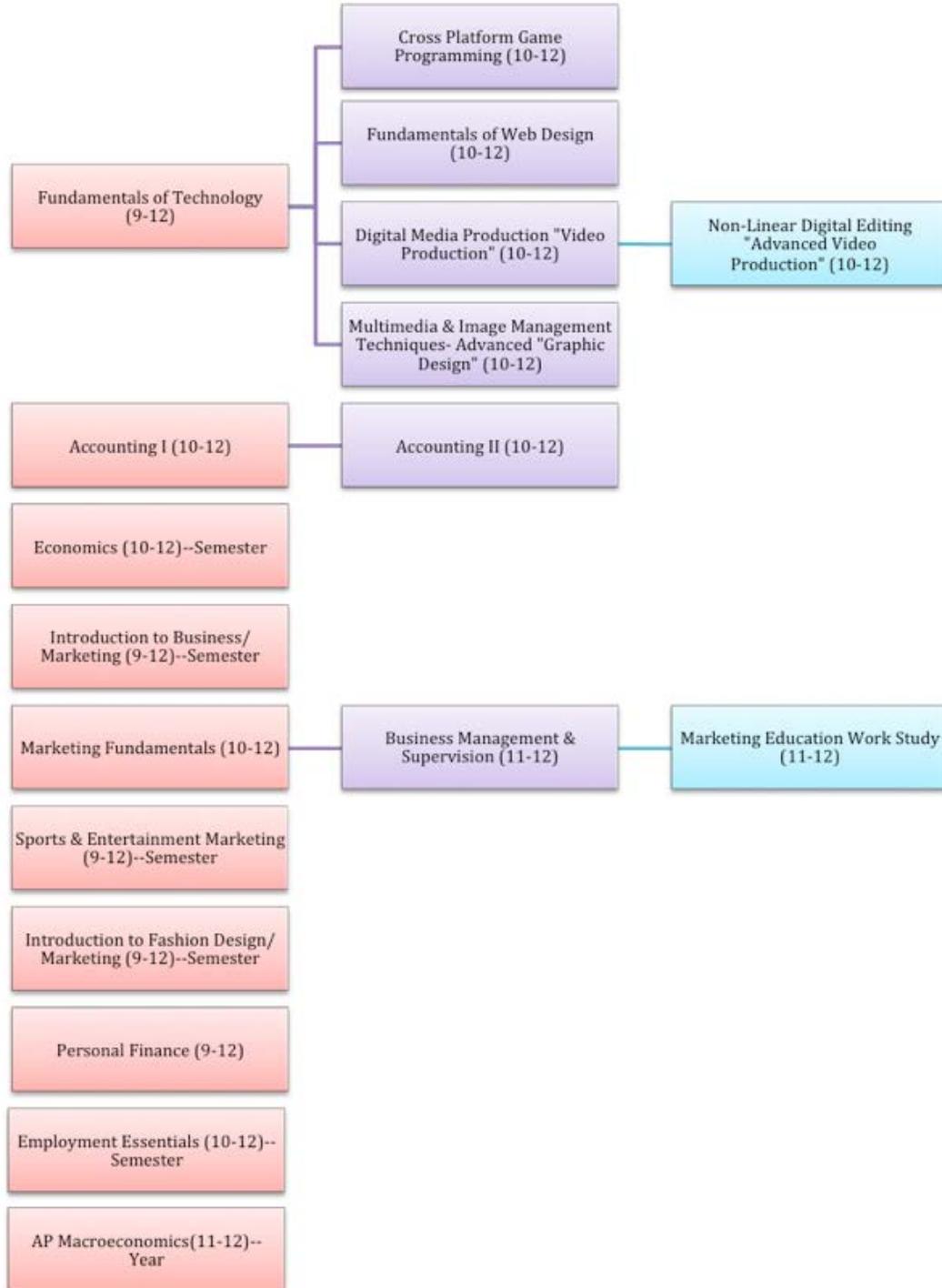
Course ID# 000509
Grades 10-12 - Semester Only

The Ceramics I course offers a semester long study of three-dimensional art and advanced ceramics applications. The course format will follow a similar format used by the other studio art courses, which will involve an introductory lesson and presentation by the instructor followed by the application of learned knowledge by the students. Students will learn how to successfully throw on the potter's wheel, build containers and structures using slab construction, work with Delftware and Chinese porcelain styles, and experiment with the American Raku firing process.

Pre-requisite:

Successful completion of Art I or Advanced Art at YMS
Supply Fee: \$40.00

BUSINESS



BUSINESS

BPA

***Business Professionals of America (BPA)** is an integral part of many business courses. Students are strongly encouraged to become members. While being a member, students will have opportunities to develop leadership skills, organization skills, participate in community service projects, complete, and much more. Dues are \$25.00 which includes local, state and national memberships as well as a club t-shirt.

DECA

***DECA** is an integral part of some courses and therefore students are strongly encouraged to join. While being a member, students will have opportunities to develop leadership skills, organization skills, participate in community service projects, complete, and much more. Dues are \$25.00 which includes local, state and national memberships as well as a club t-shirt.

ACCOUNTING I

Course ID# 000601
Grades 10-12 - Year

Students will learn the basics of record keeping. This course covers traditional accounting procedures. The student will manually complete journals and financial statements. Activities will emphasize the procedures related to owning a small business. The computerized accounting portion utilizes a current small business accounting software.

AP MACROECONOMICS

Course ID# 000633
Grades 11-12 - Year

AP Macroeconomics is a college-level course. Each student is expected to take the AP Macroeconomics Exam that will be administered in May. This course is designed to give students a thorough understanding of the principles that apply to an economic system as a whole, including national income and price determination, economic performance measures, economic growth, and international Economics.

***Approximate cost of exam is \$95**

Pre-requisite: Algebra II

BUSINESS MANAGEMENT AND SUPERVISION**

Course ID# 001680
Grades 11-12 - Year

This course is an advanced continuation of Marketing Fundamentals. It involves students in various teamwork activities and projects to provide basic knowledge and skills necessary for supervision and management positions. This course also offers several opportunities to gain experience in various aspects of marketing and management such as human resources, promotion, principles of management, supervisory skills, entrepreneurship, merchandising, security, and international marketing. Students will use computer simulations to operate a virtual reality business that will test their skills management.

Pre-requisite: Successful completion of Marketing Fundamentals or teacher / counselor approval.

COMPUTER PROGRAMMING

Course ID# 2531 - Year
Grades 11-12

THIS IS A THREE (3) HOUR BLOCK OF STUDY OFFERED AT THE COWAN CVTC CAMPUS. SEE YOUR COUNSELOR FOR MORE INFORMATION.

Learn how to write object-oriented programs using various programming languages to create event-driven programs. Students will also learn to code game engines to create computer applications with real time graphics. Various languages covered include HTML, PHP, JAVA, C++, C#, Visual BASIC.Net

CROSS PLATFORM GAME PROGRAMMING*

Course ID# 000628
Grades 10-12 - Year

Students will be introduced to the concepts and methods for the design and development of computer games. Topics include: animation, 3D Animation, 3D Motion, software engineering, game design, movement and controls, user interfaces, artificial intelligence, game SDK's, networking, level editors, model editor, shader collections, game engine, and commercialization of software.

Pre-requisite: Fundamentals of Technology

DIGITAL MEDIA PRODUCTION* (VIDEO PRODUCTION)

Course ID# 000662
Grades 10-12 - Year

This course introduces students to the principles and emerging careers of Video Production. Students develop in-depth knowledge and skills needed for successful careers in video and broadcast and use state-of-the-art tools (Adobe Premiere Pro, Adobe After Effects, and Adobe Soundbooth) to design, edit, produce and broadcast productions to outside audiences.

Course **NOT** accepted by Oklahoma's Promise

Pre-requisite: Fundamentals of Technology

ECONOMICS

Course ID# 000632
Grades 10-12 One Semester

This course will focus on practical, everyday applications of economic principles. Economics studies the way in which individuals, households, firms, industries, and governments consume and employ talents and resources. Course materials are provided through Junior Achievement. Combined with this program are several sessions in which students are introduced to the importance of planning, goal-setting, and implementing personal financial decisions.

EMPLOYMENT ESSENTIALS

Course ID# 000622
Grades 10-12 One Semester

This course is designed to provide students with fundamental workplace knowledge and skills to succeed in any career. Students will develop the soft skills, personality traits, personal management, and basic technology skills desired by employers. Students will explore techniques to manage their personal life, financial life, and career preparation. Students will have the opportunity to develop leadership and teamwork skills through participation in the student organization, DECA (an association of marketing students).



FUNDAMENTALS OF TECHNOLOGY*

Course ID# 000650
Grades 9-12 - Year

This course provides students with the fundamental concepts of our technological world. Students will develop basic skills in format document processing, worksheet functions and calculations, presentation demonstrations, online research, communications processes, planning and organizational applications. Assignments are individual or team projects using the internet, hand held devices, blogs, laptops, digital media, and an array of software. Knowledge of ethics, security, legality, careers and personal responsibility are applied.

1 Credit / Oklahoma’s Promise

FUNDAMENTALS OF WEB DESIGN*

Course ID# 000660
Grades 10-12 - Year

In the first half, students will acquire: fundamental web authoring skills, organizing and design strategies, use of the basic application of HTML programming, template sites and form’s development. This course introduces students to the emerging career of web planning and design. The second half introduces Cascading Style Sheets, Dreamweaver, and Flash. Projects and team work are integrated, developed, and emphasized.

BPA is an integral part of this course and therefore students are strongly encouraged to join.

1 credit / Oklahoma’s Promise

Pre-requisite: Fundamentals of Technology or Computer Applications I

INTRO TO BUSINESS/ MARKETING**

Course ID# 000623
Grades 9-12 One Semester

This is an introductory course designed to explore the business and marketing system and its role in our free enterprise economic system. Students will gain an understanding of the marketing concept and its relation to production of goods and business services. Students will study the responsibilities and role of an

individual in today’s business and economic environment as a consumer and a producer of goods and services. Career opportunities within business and marketing fields will also be introduced to students.

Students will develop leadership traits and identify their leadership potential through participation in the DECA (an association of marketing students) student organization.

INTRO TO TO FASHION DESIGN/MARKETING**

Course ID# 000624
Grades 9-12 One Semester

An introductory course that presents fundamental marketing concepts and functions applicable to the fashion design and merchandising industry. Students will discover the process of manufacturing, producing, and marketing the design. Students will explore career opportunities related to the fashion design and merchandising industry. Developing personal skills leading to success in a career in the fashion marketing and merchandising industry will be addressed in this course.

Students will develop leadership traits and identify their leadership potential through participation in DECA (an association of marketing students) student organization.

MARKETING EDUCATION WORK-STUDY

Course ID# 001681
Grades 11-12 - Year

In this one year course, marketing students will apply their studies in marketing or management in a business situation. This is a combined effort of the teacher, student, and employer. To earn school credit, students are required to work at least 10 hours a week in an approved, marketing-related occupation. Course content includes job interviews, security precautions, free enterprise, human relations, sales, advertising, and business communications.

Pre-requisite: Successful completion of Marketing of Fundamentals and enrollment in Business Management and Supervision.

MARKETING FUNDAMENTALS**

Course ID# 001679
Grades 10-12 - Year

This course teaches students how businesses and people operate from a marketing point of view. Classroom emphasis will be on promotion, human relations, communication, merchandising, and salesmanship. Special hands-on activities and projects, like working in the DECA store, give students practical application to the theories taught in the course. Students will use virtual simulation software on the computer to test their knowledge of the skills they have learned.

MULTIMEDIA & IMAGE MANAGEMENT* TECHNIQUES-ADVANCED

Course ID# 000664
Grades 10-12 - Year

This course introduces students to the concepts of graphic design and production, document design and production, and related careers. Students produce graphic designs using Adobe Photoshop and Adobe Illustrator.

1 Credit / Oklahoma’s Promise

Pre-requisite: Fundamentals of Technology

NON-LINEAR DIGITAL EDITING (ADVANCED VIDEO PRODUCTION) *

Course ID# 000670
Grades 10-12 - Year

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

Course NOT accepted by Oklahoma’s Promise

Pre-requisite: Digital Media Production and teacher approval.

PERSONAL FINANCE

Course ID# 000625
Grades 9-12 - Year

This course is designed to provide the knowledge and skills necessary to make wise decisions for financial planning. Students will analyze choices and develop tools to assist them in wise money management. The standards set forth in the Passport to Financial Literacy Act of 2007 (70 O.S. 11 – 103.6h) will be taught in conjunction with the competencies required.



SPORTS AND ENTERTAINMENT MARKETING**

Course ID# 000612
Grades 9-12 / One Semester

A specialized course designed for students with a career interest in the entertainment and sports industry. Instructional areas will include orientation to the entertainment and sports industry, economics, decision making, event marketing, sales and sales promotions, event execution, legal aspects/contracts and career opportunities. Classroom instruction will be reinforced through the use of outside lectures, case studies, field trip experiences, current periodicals, computers and software, in-house projects and constructive/discovery learning.

CO-CURRICULAR COURSES

ACT PREPARATION

Course ID# 000175
Grades 10-12 One Semester

The ACT Test Preparation Class is a one semester class designed to refresh basic skills and to review test-taking strategies in preparation for the English and Math portions of the ACT test. Sample tests will be given along with review exercises accentuating basic elements of standard written English and basic elements of various math classes. The student will be enrolled in the English portion for 9 weeks and in the Math portion for 9 weeks. This class is highly recommended for those who are college bound and wish to improve their entrance test scores.

Pre-requisite: Concurrent enrollment in Algebra II or higher math course.

KEYSTONE

Course ID# 000245
Grade 9 One Semester

This course is a required semester long orientation/transition course for all freshmen. Students will be introduced to principles of leadership, study skills, test taking skills, decision making skills, resume writing, time management, career investigations, post-secondary opportunities, goal

setting, character education, and community service. In addition, students will study personal finance as outlined in the 14 standards required to fulfill the Personal Financial Literacy graduation requirement.

This course meets the requirements of Personal Financial Literacy.

Required for all Freshmen and will be taken during the fall semester.

LEADERSHIP

Course ID# 000213
Grades 9 - 12 - Year

This class is a one or two semester elective course that will train students in various aspects of tasks associated with student leadership. Experiences will include representative student government and human relations. More specifically, students will work together to plan, develop, and manage various school projects such as freshman orientation, elections, assemblies, community service and special school projects. Work will be complete both in class and **after school**.

Recommendation:

All students holding an elected office in grades 9-12 are encouraged to complete this course.

PSYCHOLOGY OF LEARNING

Course ID# 000220
Grade 12 - Year

Enrollment in this class will allow a student to become an academic tutor to students identified by the teacher. The course will be two semesters for two credits. Goals for the high school student enrolled are: to strengthen self-concept; to provide a valuable service to the community; to sample a career in education; to interact with others; to assume a responsible position and to strengthen the importance of formal education.

Applications must be submitted and approved prior to enrollment in this course.

Pre-requisite:

Approval by Committee
2.5 minimum GPA
Excellent attendance record
Student must provide transportation

DRAMA

BEGINNING SPEECH

Course ID# 4221
Grades 9 - 12 - Semester

Students will learn the basics of public speaking and speech writing. Students will be required to give speeches in front of the class. Upon successful completion of this course, students will stand out among peers as a confident public speaker. During this course, students are responsible to learn, understand, and master the following areas: eye contact, posture, hand gestures, volume, elimination of filler words, speed, enunciation, tone, audience analysis, memorization, and speech writing.

COMPETITIVE DRAMA

Course ID# 000150
Grades 9-12 - Year

Students will compete against students from other schools in prose or poetry, monologue, duet and interpretation. The rules are set forth by the Oklahoma Secondary Schools Activities Association (OSSAA) and the National Forensic League (NFL). A major difference in competitive drama is that there are no props allowed. You must wear professional clothing at tournaments. Students are **required** to compete at least 4 times during the school year.

COMPETITIVE SPEECH AND DEBATE

Course ID# 4015
Grades 10-12 - Year

Students will compete against students from other schools in standard or original oratory, Foreign or Domestic Extemporaneous speaking, and Lincoln-Douglas debate. Students in this class will be members of and use the rules set forth by the Oklahoma Secondary Schools Activities Association (OSSAA). Students will be required to compete in this course. Students interested in national and/or international current events, politics, and social issues are encouraged to take this course. Successful completion of the course will earn student's a graduation cord.

Pre-requisite: Beginning Speech

INTRODUCTION TO THEATRE

Course ID# 000125
Grades 9-12 - Year

Students will learn the basics of theatre. In addition to acting exercises the student will participate and learn about all aspects of theatre and play production as well as an introduction to the history of theatre. Students will also learn stage makeup techniques, costume design and construction, set design and construction, and properties design and construction. Students will be welcome to audition for any and all theatre and musical productions. Attendance at one outside play is required each semester, as well as attendance at all YHS productions.

ADVANCED THEATRE

Course ID# 000126
Grades 10-12 - Year

Students will build on concepts taught in Introduction to Theatre. Students will present monologues, duets, direct scenes, and learn how to improve stage diction and projection. They will learn about theatre as a business, practice resume writing and participate in the production process of all school plays and musicals. Students will be required to audition for theatre productions and encouraged to audition for musical productions. Attendance is required at two outside plays each semester as well as attendance at all YHS productions.

Pre-requisite: Introduction to Theatre

THEATRE PRODUCTION

Course ID# 000127
Grades 11-12 - Year

Students will select, cast, act in, design and build costumes, design lighting, design sound, design and build props, design and build sets, direct, stage manage, crew, and obtain rights for the one-act play of their choice each semester. The teacher will have final say in production choice. Theatre Production students will be required to audition for the theatre shows each semester and are encouraged to audition for musical productions. Attendance at two outside plays is required each semester as well as attendance at all YHS productions.

Pre-requisites: Introduction to Theatre, Advanced Theatre, Audition (See teacher for details)

NOTE: Technical Theatre/Stagecraft for YHS 9-12 students will be offered during period seven (7) at the Fine Arts Center (FAC) located east of the YMS campus. Bus transportation will be provided from YHS to the FAC after period six (6). NO bus transportation will be provided from YHS to the FAC after period seven (7). NO bus transportation home will be provided.

TECHNICAL THEATRE/ STAGECRAFT

Course ID# 000130
Grades 9-12 - Year

Technical Theatre provides students with a wide range of knowledge in the area of Technical Theatre. Operation of sound, lights, video, fly systems, rigging and special effects are essential elements of class. **After school participation is mandatory.** Students who excel will have an opportunity to be paid for some shows. This class is an excellent opportunity for students with creative skills who like to work with their hands.

Upon successful completion of this course, the student will be able to: Safely work within the theatre environment, operate an analogue and digital sound board, operate a digital light board, design lights and sound, operate the fly system, operate a studio video camera, experience directing, backstage management and leading crews.

Stagecraft introduces safety procedures and basic techniques of scenery and property construction, tool use, scene painting, basic lighting techniques, basic sound theory, design and backstage organization. **After school participation is mandatory.**

Upon successful completion of this course, the student will be able to: Use hand tools commonly found in theatre scene shops, read and construct scenery from working drawings, choose the appropriate materials and hardware for scenic construction, construct common three-dimensional scenery used for theatrical purposes, and utilize various painting techniques used for theatrical purposes.

HPERD COURSES

Health, Physical Education, Recreation and Dance

All students involved in activities that involve participation in contests will be subject to random drug testing throughout the school year. See your coach or sponsor for more information.

No more than four (4) units (8 semesters) of physical education/athletics may be counted toward the units required for graduation.

LIFE AND LEISURE

Course ID# 001189
Grades 9-12 - Year

Life and Leisure is a physical activity class that focuses on various Special Olympics events throughout the school year. This class is co-taught by a teacher certified in Physical Fitness and a certified Special Olympics coach/special education teacher. This class is designed to educate students about fitness and healthy lifestyles while teaching various sports. Activities will include aerobics, strength training, team and individual sports, and leisure activities. The students enrolled in this class should be participants in Special Olympics, either as a Special Olympics Athlete or Unified Partner.

requires teacher permission

PE

Course ID# 001103
Grades 9-12 - Year

Students will learn a variety of sports and activities that can be used for a lifetime of healthy living. Students will learn basic offensive and defensive patterns and rules for a variety of sports. Students will also increase their health vocabulary and get general information on health and nutrition.

Recommendation:

A willingness to participate in an exercise program on a daily basis. A desire to learn more about wellness and fitness.

HEALTH & WELLNESS

Course ID# 001098
Grades 9-12 - Year - One Semester Course

This course will explore factors that affect health and wellness. Topics will include proper nutrition, the importance of exercise and the negative effects of smoking and drugs.

COMPETITIVE SPORTS (ATHLETICS)

Course ID# 001171-001199
Grades 9-12 - Year

Competitive sports are offered in baseball, basketball, cross-country, football, golf, soccer, softball, tennis, track and field, wrestling, cheerleading and pom. Cross-country is a first semester sport only. Golf and track are second semester sports only. Varsity football, softball and baseball may be year round sports. Enrollment in all sports requires approval of respective coaches. Some sports will have tryouts. A yearly physical is required.

NOTE: Students enrolling in athletics must take the late schedule (periods 2-8). However, freshmen enrolling in basketball must take the early schedule (periods 1-7).

WEIGHTLIFTING (POWER LIFTING)

Course ID# 001107G
Grades 9-12 - Year

This course is limited to students enrolled in athletics. It will be offered period one (1) only. To enroll in this class you must enroll in seven (7) classes. This class will start at 7:00 AM.

See your coach for more information.



LANGUAGE ARTS AND JOURNALISM

Summer readings with accompanying response logs are required for Pre-AP and Advanced Placement English classes prior to the beginning of the course. Once the school year begins, the student will be tested over the content of the summer reading assignment and the response logs will be graded. See your counselor or English teacher for more information.

ENGLISH I

Course ID# 000103

Grade: Freshman Status - Year

Language Arts skills, such as reading comprehension and interpretation, are built upon and expanded. Multiple genres of literature are stressed, and composition techniques, including writing a five paragraph essay, are expanded. Grammar and usage skills are reviewed and extended. Vocabulary skills, especially reading in context, are increased.

PRE AP ENGLISH I

Course ID# 000107

Grade: Freshman Status - Year

This course is designed for students who display exceptional ability in reading, writing, and speaking the English language. Self-motivation and self-discipline are essential factors for the success of students in the AP Program. The students have mastered basic mechanics and can compose well-written paragraphs. Stress is placed on writing compositions, a minimum of three to five paragraphs in length. Advanced Placement vocabulary and close reading skills are emphasized in addition to the development of research and grammar skills.

ENGLISH II

Course ID# 000104

Grade: Sophomore Status - Year

Language Arts skills, such as reading comprehension and interpretation, are built upon and expanded. Multiple genres of literature are stressed, and composition techniques, including writing multi-paragraph essays are expanded. Grammar and usage skills are reviewed and extended. Vocabulary skills, especially reading in context, are increased.

A state-mandated end-of-instruction test will be administered for

- **English II or Pre AP English II**
All students must take this exam, and must PASS to graduate.
- **English III or AP Language and Composition**
All students must take the English III EOI exam.

PRE AP ENGLISH II

Course ID# 000108

Grade: Sophomore Status - Year

This course is designed for students who display an unusual aptitude for reading, writing, and speaking the English language. Self-motivation and self-discipline are essential factors for the success of students in the AP Program. The students are capable of mastering logic and reasoning skills necessary for advanced composition and reading analysis. Advanced Placement vocabulary and close reading skills are further enhanced along with research and grammar skills. **Outside Readings Are Required**

ENGLISH III

Course ID# 000105

Grade: Junior Status - Year

Basic grammar and writing will be reviewed to prepare for the research paper and advanced composition. An emphasis will be placed on increasing vocabulary. American literature will be studied in depth beginning with early writings of Puritans through the twentieth century. Novels, drama short stories, and poetry will be read and interpreted for understanding and appreciation.

Pre-requisite: Successful completion of English I and II.

AP LANGUAGE AND

COMPOSITION ENGLISH III

Course ID# 000109

Grade: Junior Status - Year

Students will engage in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among writer's purpose, audience expectations and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Other skills practiced will include creating projects utilizing technology, making oral presentations, writing a research paper, and expressing creativity. Class discussions will be supplemented with online discussions and course work. **Outside readings are required.**

**Approximate cost of exam is \$95*

Students may earn college credit if the AP Language and Composition English III exam is passed.

ENGLISH IV

Course ID# 000106

Grade: Senior Status - Year

Students will review grammar usage by writing long and short compositions. A formal research paper or project will be required. Students will read major literary works of British and world authors and will gain skills in interpretation and criticism. Students will read class novels, as well as other directed outside readings, and will pursue advanced vocabulary development.

Pre-requisite:

Successful completion of English I, II, and III.

AP LITERATURE AND COMPOSITION ENGLISH IV

Course ID# 000110

Grade: Senior Status - Year 4

Students will engage in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. This course is the equivalent of a freshman level college composition course in which students are required to read novels, short stories, dramas and poetry and write critical analyses of these works. These literary works contain adult situations and problems. Summer reading will be assigned and a research project with a literary topic is required. **Outside readings are required.**

**Approximate cost of exam is \$95*

Students may earn college credit if the exam is passed.

CREATIVE WRITING

Course ID# 000113

Grades 11-12 One Semester

Students draw from their experiences and imaginations to create poetry, stories, and plays, and they share their writings in class read-arounds. Students write, revise, and edit their works for publication and contests. Students produce a class anthology of their creative writings as a final project.

NOTE: This course does not count toward required English credits.



SAT Prep Site

BEGINNING JOURNALISM

(JOURNALISM I)

Course ID# 000141

Grades 9-12 - Year

This is a fast paced and challenging course that requires dedication and an interest in developing skills in journalism. Students possessing creativity, an eye for art and design, and a good understanding of English grammar and composition will succeed in this class. This class will introduce students to many aspects of scholastic publications, journalism and mass media in preparation of later joining the yearbook and newspaper staffs. Students will study the history of press media ethics and laws as applied to scholastic journalism, functions of the media and elements of news. They will learn newspaper purpose and production including brainstorming ideas, interviewing sources, writing inverted pyramid stories and editing and revising copy to present facts in an interesting and informative manner. Students will study layout and design for yearbook, headline and caption writing, and desktop publishing on Macintosh computers using Adobe InDesign and MSWord. Finally students will understand the purpose of yearbooks; how writing, editing and design differs between "hard" and "soft" news, and they will be introduced to photography composition and developing techniques.

PHOTOGRAPHY

Course ID# 000140

Grades 9-12 - One Semester

The purpose of this course is to enable students to develop an appreciation for the art of photography. This class will focus primarily on the aspects of digital photograph; yet the basics of darkroom procedures required for developing film will also be emphasized. This class spans the realm of visualizing the subject matter, to making a print that has been fully manipulated via photo editing software. A class set of cameras will be made available. Those students who use cameras provided by the Journalism department will be held liable for any damages incurred.

ADVANCED JOURNALISM - YEARBOOK

(Journalism IV)

Course ID# 000145

Grades 10-12 - Year

Students will be responsible for producing *The Miller*. Editorial positions will be assigned on approval of the advisor. Approval for this course will be determined by a student's performance, grades, level of self-motivation and maturity as demonstrated in Beginning Journalism. Successful completion of Beginning Journalism and / or approval by the advisor must be attained by the student.

Parents and students should be aware that ad sales are required as part of the curriculum.

After-school hours will be required to meet deadlines and editors will be required to attend summer journalism workshops.

Pre-requisite:

Successful completion of Beginning journalism, advisor approval, overall "C" GPA.

NEWSPAPER

Course ID# 000143

Grades 10-12 - Year

Students in this course are responsible for producing *The Insight*, Yukon High School's newspaper. This course also will focus on in-depth reporting and peer editing. Students must have excellent writing and design skills and must possess a willingness to become proficient on computers. A successful completion of previous journalism courses and/or advisor approval is required.

After school hours will be required to meet deadlines and editors will be required to attend summer journalism workshops.

Pre-requisite:

Successful completion of Beginning Journalism, advisor approval, overall "C" GPA.

MATH

Mathematics Course Sequences

GRADE	COURSE	COURSE	COURSE
7TH	7th Math	7th Math	Pre AP Algebra I
8TH	8th Math	Pre AP Algebra I	Pre AP Geometry
9TH	Algebra I	Pre AP Geometry*	Pre AP Algebra II
10TH	Geometry	Pre AP Algebra II*	Pre AP Calculus AB
11TH	Intermediate Algebra*** Algebra II Pre AP Algebra II	Pre AP Pre Calculus* AP Statistics Algebra III Concurrent Enrollment**	AP Calculus AB AP Statistics
12TH	Algebra II Algebra III AP Pre Calculus* Concurrent Enrollment**	AP Calculus AB* AP Statistics Concurrent Enrollment**	AP Statistics* Concurrent Enrollment**

* Teacher Approval Required

** Enrollment in this course is dependent upon requirements being met.

*** This course is not a college preparatory course.

Teacher Approval Required when going:

- from any regular class to any PAP or AP class
- from Geometry to Intermediate Algebra

Math Enrollment Information

Students that satisfactorily completed Algebra I and / or Geometry in the 7th or 8th Grade:

High School courses taken as a middle school student will appear on the student's transcript. The courses taken in middle school for high school credit will not count as one of the four math courses required for graduation. The National Collegiate Athletic Association, (NCAA) also does not recognize courses taken in middle school for high school credit as counting toward the required two years of high school mathematics. Students taking algebra I and/or geometry must take the state mandated End-of-Instruction Exams at the time the course is completed.

Ninth Grade Enrollment Options

All Freshmen will enroll in Algebra I unless the course has been taken and successfully passed in the 7th or 8th grade.

If a student did not make an "A" or "B" in Algebra I, it is suggested that the student repeat Algebra I.

The Mathematics Course Sequence Chart will guide you to the course path that one should follow. The scope and sequence may be altered pending passage of legislation by the State of Oklahoma.

End-of-Instruction Exams (EOI)
will be given in Algebra I, Geometry, and Algebra II.

Students must take these exams and MUST PASS the Algebra I EOI to graduate.

MATH

A student must satisfactorily complete four years of math during grades 9-12, regardless of math courses completed during 7th or 8th grade.

A student can satisfactorily waive the fourth year of required math by successfully completing one year of study as a junior or senior at Canadian Valley Technical Center. See your counselor for more details.

Satisfactory completion of one semester of college math taken through concurrent enrollment from an accredited Oklahoma college or university during the senior year will satisfy the district requirement that a student complete a math course during the senior year of high school.

Mathematics of Finance will NOT count as a math credit required for college admittance.

**A state-mandated
end-of-instruction test
will be administered for**

Algebra I

Algebra II

Pre AP Algebra II

Geometry

Pre AP Geometry

**ALL STUDENTS MUST TAKE
THESE EXAMS.**

ALGEBRA I

Course ID# 000402 - Year

This course emphasizes algebraic terms and expressions, relating them to other areas of mathematics and real world situations. Some of the specific topics include functions, equations, inequalities, graphing relation and functions, polynomials, radicals, e Type to enter text exponential, and quadratic functions.

GEOMETRY*

Course ID# 000403 - Year

This course covers drawing and analyzing 2 and 3 dimensional figures, finding the area and volume of 2 and 3 dimensional figures, measuring angles and solving problems involving angle measures, working with parallel lines and planes, circles, coordinate geometry, transformations, slopes of lines, midpoints and distance of lines. Algebra will be utilized in the study of Geometry.

Pre-requisite: Algebra I

PRE AP GEOMETRY

COURSE ID# 000404G - Year

In addition to the concepts presented in Geometry, this class will include writing of two-column proofs, drawing of concurrent lines and various projects.

Outside projects may include stained glass drawings, tessellations, polygon snowflakes, line designs and creative constructions.

Pre-requisite:

“A” or “B” in previous math course.

ALGEBRA II

Course ID# 000405 - Year

A continuation of Algebra I with an emphasis on the real and complex number systems, solving linear and quadratic equations and inequalities by various methods, using coordinate geometry with graphing, solving systems of equations, and introducing logarithms, trigonometry, or other areas of mathematics. Emphasis is placed on problem solving and applications.

Pre-requisites:

Algebra I and Geometry

ALGEBRA III

COURSE ID# 000414 - Year

A course designed for those not prepared for Pre AP Pre Calculus, but who feel a need to improve their math background for college entrance exams and/or college itself. The course will include a review of ACT exams as well as College Algebra.

Pre-requisites:

Algebra I, Geometry, Algebra II

PRE AP ALGEBRA II *

Course ID# 000406 - Year

This course is a continuation of Algebra I and Geometry topics with an emphasis on the real and complex number systems, using coordinate geometry with graphing, solving systems of equations, and introducing logarithms, trigonometry, or other areas of mathematics. Subject matter in this course will involve problems with more depth in preparation for higher level mathematics such as Analysis and Pre AP Pre Calculus with Trigonometry and Calculus.

Pre-requisites:

Algebra I and Pre AP Geometry

INTERMEDIATE ALGEBRA *

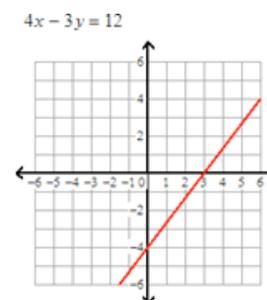
Course ID# 000433 - Year

This course is a preview of Algebra II with an emphasis on solving linear and quadratic equations and inequalities by various methods, solving systems, equations, and using coordinate geometry with graphing. This course is designed for those students who had difficulties in Algebra I and Geometry and is used as an introduction to Algebra II.

This course does not fulfill requirements for college entrance.

Pre-requisites:

Algebra I and Geometry



MATH

THE FOLLOWING PRE-ADVANCED PLACEMENT AND ADVANCED PLACEMENT MATHEMATICS COURSES ARE IDEALLY SUITED FOR STUDENTS WHO ARE INTERESTED IN CONTINUING THEIR STUDY IN MATHEMATICS, PHYSICS, ENGINEERING, OR OTHER TECHNICAL COURSES. A GRAPHING CALCULATOR IS USED FOR THESE COURSES.

PRE-AP PRE CALCULUS WITH TRIGONOMETRY*

Course ID# 000431 - Year

This course follows the logical development of the six trigonometric functions and their applications to real world problems, the introduction and solving of the trigonometric identities, conversions of radians to degrees and degrees to radians, solving right triangles and oblique triangles using the law of sines and cosines, and introduces the students to vectors. This course develops an analytic model of plane geometry within the framework of algebra. The course discusses the graphs of functions, in polar and rectangular forms, lines, curves, algebraic equations, and polynomial equations; solving ratio, slope, and distance problems using formulas; transforming rectangular coordinates to polar coordinates and polar to rectangular; writing equations of lines, circles, parabolas, ellipses and hyperbolas.

Pre-requisites: Algebra I, Geometry, Algebra II

Recommended: "A or "B" in previous math course.

**Approximate cost of exam is \$95*

Students may earn college credit if the exam is passed.



AP CALCULUS AB *

Course ID# 000411 -Year

This course is intended for students who have a thorough knowledge of college preparatory mathematics. A brief review of Pre AP Pre Calculus is given, first and second derivatives are determined and their use is developed by solving maximum and minimum problems and related rate problems, calculating definite and indefinite integrals, limits, graphing polynomial functions is X, finding acceleration, velocity, volume, and area using derivatives and integrals.

Prerequisites: Algebra I, Geometry, Algebra II, Pre AP Pre Calculus.

**Approximate cost of exam is \$95*

Students may earn college credit if the exam is passed.

AP STATISTICS*

Course ID# 000412 - Year

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploratory analysis (20-30% of AP Exam), planning and conducting a study (10-15% of the AP Exam), probability (20-30% of the AP Exam), and statistical inference (30-40% of the AP Exam).

Pre-requisites: Algebra I, Geometry, Algebra II, Pre AP Pre Calculus

Recommended: "A" or "B" in previous math course.

**Approximate cost of exam is \$95*

Students may earn college credit if the exam is passed.



PRE-ENGINEERING

Course ID# 140111
Grades 11-12 - Year

NOTE: This is a three (3) hour block of study offered at the Cowan CVTC Campus. See your counselor for more information.

A college preparatory program exclusively for high school students. A wide course selection of math and science is taught along with four different engineering courses. Curriculum is taught at the Pre-AP and AP level, including Algebra II, Trigonometry/Pre Calculus, Calculus, Physics and Chemistry. Students use the design process and critical thinking skills along with modern equipment to build robots, fabricate computer designed objects, design electric circuits and perform labs for real-world application of engineering concepts. Many students earn college credit on AP tests at the conclusion of their first year.

MUSIC

INSTRUMENTAL AND VOCAL

AP MUSIC THEORY

Course ID# 000585
Grades 10-12 - Year

This course will be introducing and developing the student in musicianship, theory, musical materials, and procedures. It may emphasize one aspect of music, such as harmony; more often, however, it integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and, to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight singing, and keyboard harmony are considered an important part of the theory course. The student's ability to read and write musical notation is fundamental to such a course. It is required that the student will have acquired performance skills in voice or on an instrument. This course is a self-motivated class and will require daily note taking and neat handwriting skills.

Pre-requisite: Teacher Approval required for admittance to this course.

**Approximate cost of exam is \$95*

Students may earn college credit if the exam is passed.

COLLA VOCE - AUDITIONED

Course ID# 000560
Grades 9-12 - Year

Students in Colla Voce will study a variety of choral literature, music theory, sight reading, and general choral studies. This course is designed to reinforce vocal technique, ear training skills, and music preparation. This is an auditioned choir with four, six, and eight part singing. Colla Voce participates in community performances, concerts, workshops, and state competitions. **Enrollment by teacher approval. OSSAA Eligibility applies.**

Uniform fee: (Women) \$45 dress rental and purchase of 1.5 inch character shoe (Approximately \$20) Men) \$115 uniform purchase (includes shoes)

HIGH SCHOOL BAND

Course ID# 000550
Grades 9-12 - Year

This group includes both marching and concert bands and students are required to participate in both areas. The marching season begins in late July and extends through football season. Students are required to attend the preschool marching rehearsals starting in late July. Students are encouraged to participate in solo and ensemble contests. Early morning (before school) rehearsals will be held periodically throughout the year and attendance is required. Previous knowledge of an instrument is required before enrolling in Band. Students are required to attend all functions of the band and to devote time to improving themselves on their instruments.

NOTE: All students enrolling in band must enroll in the early schedule.

Pre-requisite: Successful completion of previous year's band course.

HIGH SCHOOL JAZZ ENSEMBLE (JAZZ BAND)

Course ID# 000551
Grades 9-12 - Year

This course is for the serious musician intent upon advancing his/her talent in instrumental music. Self-discipline, poise, self-confidence, positive attitude, and cooperation with others are qualities that are nurtured in this class. Performance is stressed. All types of pop music are studied: ballad, rock, swing time and improvisation. Students are selected from the High School Band and must remain members in good standing of the Yukon High School Band.

Pre-requisite: Audition required.

WOMEN'S CHORALE

Course ID# 000574
Grades 9-12 - Year

Students in Women's Chorale will study a variety of choral literature, music theory, sight reading and general choral studies. This course is designed to introduce basic vocal technique, ear training skills, and music preparation. Women's Chorale will participate in community performances, concerts, and state competitions. **Non audition class. OSSAA eligibility applies. Uniform fee: \$45 dress rental and purchase of a 1.5 inch character shoe (approximately \$20)**

MEN'S CHORALE

Course ID# 000580
Grades 9-12 - Year

Students in Men's Chorale will study a variety of choral literature, music theory, sight reading and general choral studies. This course is designed to introduce basic vocal technique, ear training skills, and music preparation. Men's Chorale will participate in community performances, concerts, and state competitions. **Non audition class. OSSAA eligibility applies. \$50 tux rental and purchase of tux shoes (approximately \$30).**

VOCAL JAZZ ENSEMBLE

Course ID# 000572
Grades 9-12 - Year

Students in Vocal Jazz Ensemble will study a variety of Jazz literature, music theory, and general choral studies. This course is designed to reinforce vocal technique, ear training skills, and vocal jazz style. Vocal Jazz Ensemble participates in community performances, concerts, and competitions. **Auditioned Choir. OSSAA Eligibility applies. Uniform fee: Varies yearly, but will not exceed \$80.**

Fundraiser and payment options are available in courses with Uniform Fees.

SCIENCE

Grade	Path 1	Path 2	
9 th	Biology I	Pre-AP Biology I #	
10 th	Chemistry I or Physics I Physical Science *	Pre-AP Chemistry I	Pre-AP Physics I
11 th	Chemistry I, Physics I, Zoology, Anatomy / Physiology, Geology, Environmental Science, Botany, Biotechnology, Microbiology, Forensic Science, Astronomy, Earth Science	Pre-AP Chemistry I, Pre-AP Physics I, AP Biology II, AP Chemistry II, AP Physics II B, Geology, AP Environmental Science, Botany, Biotechnology, Microbiology, Forensic Science, Geology, Environmental Science, Earth Science, Astronomy	
12 th	Chemistry I, Physics I, Zoology, Anatomy / Physiology, Geology, Environmental Science, Botany, Biotechnology, Microbiology, Forensic Science, Astronomy, Earth Science	Pre-AP Chemistry I, Pre-AP Physics I, AP Biology II, AP Chemistry II, AP Physics II B, Geology, AP Environmental Science, Botany, Biotechnology, Microbiology, Forensic Science, Geology, Environmental Science, Earth Science, Astronomy	

ASTRONOMY

Course ID# 000320
Grade 11-12 - Semester

This class is an inquiry-based science which will focus on the fundamental study of the universe. It will primarily explore the nature of weather patterns, moon phases, seasons, stars and galaxies. Students will explore these phenomena through a sequence of lab activities where they will make observations, analyze data, do research and problem solve in order to develop an understanding of how these forces of nature affect Earth. This course will be taught through lecture, activities, laboratory activities, and projects.

BIOLOGY

Course ID# 000304
Grade 9 - Year

This course will examine the experimentation procedures of the scientific world, the processes and structural organization of living organisms and their relationship to the living world. Some major topics include scientific method, evolution, cells, genetics, ecology, and diseases. This course will be taught through a variety of methods including, but not limited to, research papers, laboratory activities, reading, and Internet activities.

PRE AP BIOLOGY

Course ID# 000323
Grade 9-10 - Year

This course is designed to prepare the student for a college level introductory biology course. This is a recommended course for anyone wishing to enroll in AP Biology and will be fast paced with a strong laboratory component. This course involves laboratory activities and lessons that are Internet based; students enrolled in this course must be self-motivated and willing to complete these activities, occasionally on their own, by deadlines. Exams, laboratories and assignments will be focused on the general areas required for the Biology End-of-Instruction Exam and will extend the student's knowledge to concepts for the AP Biology course.

Good math and writing skills are a must.

A state mandated End-of-Instruction Exam will be administered for Biology and Pre AP Biology. All student must take this exam.

AP BIOLOGY

Course ID# 000310
Grades 10-12 - Year

This course is designed to be the equivalent of a college level introductory biology course. The course will be very fast paced with a strong **laboratory** and **project** component. This course involves laboratory activities and lessons that are Internet based; students enrolled in this course must be self-motivated and willing to complete these activities, occasionally on their own, by deadlines. Exams will be designed to prepare students for the AP Biology Exam in May. Laboratory, text assignments, projects and exams will be focused on the key concepts and related content that define the AP Biology course and exam. These are organized around principles called "The Big Ideas", which encompass the core scientific principles, theories and processes governing living organisms and biological systems.

Pre-requisites: Biology or Pre AP Biology, Chemistry or Pre-AP Chemistry

Recommended: "A" or "B" in Chemistry or Pre AP Biology,.

*Students must take this exam.
Approximate cost of exam is \$95

Students may earn college credit if the exam is passed.

BIOTECHNOLOGY

Course ID# 000328
Grades 11-12 - Semester

Students will explore the fundamental principles of biotechnology, career pathways, and biotechnology business applications (medical, pharmaceutical, and agricultural). Topics of study may include: plant tissue culturing; DNA, RNA, and protein technologies; genetic diagnostics; healthcare and pharmaceuticals; food processing (GMO's); fermentation technology; energy and environmental management; cloning; stem cells; and bioethics. Laboratory activities reinforce concepts and principles presented.

BOTANY

Course ID# 000340
Grades 11-12 - Semester

This course is an in-depth study of the plant kingdom with a concentration on classification, comparative anatomy and physiology, reproduction and ecological issues. The class will be taught through a variety of methods including lecture and discussion, dissection, and group activities. The overall objective is to provide "hands-on" learning activities to allow students to see the diversity and unity of plant life.

CHEMISTRY

Course ID# 000308
Grades 10-12 - Year

This course covers the basic principles of chemistry focusing on the structure and function of matter in the physical world around us. Application of theories and principles that govern chemistry will be practiced through extensive use of the laboratory, modeling, reading, writing, and Internet activities. Good math and writing skills are a must.

Pre-requisites: Algebra I, Biology I

PRE AP CHEMISTRY

Course ID# 000312
Grades 10-12 - Year

This is a fast paced course for the above average college bound student. This course is recommended for anyone desiring to enroll in AP Chemistry. Application of theories and principles that govern chemistry will be practiced through use of the laboratory. Strong math and writing skills are a must.

Pre-requisite: Algebra I, Biology I

Recommended: "A" or "B" in prerequisite courses.

AP CHEMISTRY

Course ID# 000314
Grades 11-12 - Year

This is a fast paced course for the above average college-bound student. Emphasis is on preparation for the AP Chemistry Exam. Course work is from a college chemistry textbook. Applications of theories and principles that govern chemistry will be practiced through extensive use of the laboratory. Strong math and writing skills are a must.

Pre-requisite: Pre AP Chemistry or Chemistry, Biology, Algebra II

Recommended: "A" or "B" in Pre AP Chemistry

**Approximate cost of exam is \$95*

Students may earn college credit if the exam is passed.

EARTH SCIENCE

Course ID# 000327
Grades 11-12 - Semester

Earth Science is a course focusing on the study of the Earth's lithosphere and hydrosphere. Students enrolled in this course analyze and describe Earth's interconnected systems and how they are changing due to natural processes and human influence. Topics covered include rocks, minerals, sculpturing of Earth's surface, plate tectonics, earthquakes, volcanoes, geologic history, the atmosphere, weather, and climate. This course will be taught through lecture, activities, laboratory activities, and projects.



SCIENCE

ENVIRONMENTAL SCIENCE

Course ID# 000341
Grades 11-12 - Year

Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is a multidisciplinary science. Environmental scientists search for viable solutions to environmental problems, solutions that are based as much as possible on solid scientific knowledge. The main focus will be to attempt to understand how the biosphere changes naturally and how human activities alter it.

AP ENVIRONMENTAL SCIENCE

Course ID# 000342
Grades 10-12 - Year

This class is intended to be the equivalent of a one-semester, introductory college course in environmental science that is designed for self-motivated college bound students who are interested in majoring in a variety of science and non-science areas. The goal of this class is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. It is an interdisciplinary class that embraces a wide variety of topics from different areas of study. It will include a strong laboratory and field investigation component to complement the classroom portion.

Pre-requisite: Biology

Recommended: "A" or "B" in prerequisite courses.

**Approximate cost of exam is \$95*

Students may earn college credit if the exam is passed.

FORENSIC SCIENCE

Course ID# 005334
Grades 11-12 - Year

This course focuses on the skills and concepts behind crime scene investigation and forensic science. Whether you desire to be a crime scene investigator, forensic pathologist, or some other medical scientist, this course will help hone your investigative skills and review a wide range of science concepts. Students will review physics, chemistry, anatomy, cell biology, environmental science and computer science in the process of learning about forensic science. Students will engage in lectures, labs, case studies, on-line activities, and possibly professional visits as part of this course.

Pre-Requisites:

Chemistry I or Pre-AP Chemistry I

HUMAN ANATOMY/PHYSIOLOGY

Course ID# 000345
Grades 10-12 - Year

This course is a complete overview of the human body. The goal of the class is to examine the structures of all twelve body systems. Students will start at the cellular level and build their knowledge base to understand the multitude of individual structures that make up the entire organism. This class will be taught through a variety of methods including lecture and discussion, laboratory dissections and human replica models. Students will receive college based laboratory experience and an understanding of the human body in its entirety.



PHYSICS

Course ID# 000316
Grades 10-12 - Year

This course will examine the physical aspect of how the world works. General areas of study will include concepts of mechanics, motion, astronomy, heat, light, sound, magnetism, and electricity. The format will include lecture, discussion, problem solving, and laboratory work. Quantitative skills learned in algebra will be employed in the problem solving concepts covered. (This course meets the state requirement for 1 year of a Physical Science course.)

Pre-Requisites:

Biology I or Pre-AP Biology I and Algebra I or Pre-AP Algebra I

PRE AP PHYSICS

Course ID# 000319
Grades 10-12 - Year

The course will survey the major areas of Physics with a large emphasis on mechanics, electricity, and magnetism. The class is recommended for anyone desiring to enroll in AP Physics. Students interested in entering medicine, pharmacy, architecture, science or engineering are strongly recommended to take this course. Good math skills are a must.

Pre-requisites: Algebra I, Geometry and current enrollment in Algebra II or higher math course.

Recommended: "A" or "B" in Algebra I and Geometry.

AP PHYSICS I: Algebra-Based

Course ID# 000315
Grades 11-12 - Year

AP Physics I: Algebra-Based is the equivalent to a first semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power, mechanical waves and sound. It will also introduce electric circuits.

Pre-requisite: Algebra II

Recommended: "A" or "B" in Algebra II or higher math course

**Approximate cost of exam is \$95*

Students may earn college credit if the exam is passed.

AP PHYSICS II: Algebra-Based

Course ID# 000317
Grades 11-12 - Year

AP Physics II: Algebra-Based is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, atomic and nuclear physics.

Pre-requisite: Algebra II

Recommended: "A" or "B" in Algebra II or higher math course

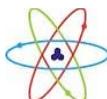
**Approximate cost of exam is \$95*

Students may earn college credit if the exam is passed.

ZOOLOGY

Course ID# 000326
Grades 10-12 - Year

This course will be a study of the animal kingdom with a concentration on comparative anatomy and physiology through dissection, lecture notes and lab activities. The overall objective will be to provide "hands-on" learning activities to allow students to see the diversity and unity of animal life beginning with unicellular organisms and working up by levels of hierarchy.



BIOMEDICAL SCIENCES ACADEMY

Course ID# 002070
Grades 10-12 - Year

NOTE: This is a three (3) hour block of study offered at the Cowan CVTC campus. See your counselor for more information.

This program prepares students for careers as health and science professionals. Lessons will engage students in rigorous and relevant hands-on problems related to the human body, cell biology, genetics, diseases, and other topics. This is a college-prep course.

SOCIAL STUDIES

NATIVE AMERICAN EXPRESSIONS

Course ID# 000250
Grade 10-12 Semester

This course will provide an understanding of Native-American culture by integrating the study of history, dance, media, arts and literature. Students will learn how storytelling through traditions and customs, the historical significance of how art, dance, music, and poetry are all intertwined to encompass the whole teaching of a culture. The course, an integrated and creative process, will create a better understanding and appreciation of Native American cultures.

Pre-requisite: Oklahoma History

OKLAHOMA HISTORY

Course ID# 000200
Grade 9 Semester

Oklahoma History is a general survey course that examines the geographic and historic foundations of our state. Oklahoma's past is studied from its prehistory to the present. Particular emphasis is given to the relocation of the Five Civilized Tribes and the opening of the Indian Territory for white settlement. This semester course will include the cultural, economic, and political development of Oklahoma.

Required course for all Freshmen.

PRE-AP OKLAHOMA HISTORY

Course ID# 000201
Grade 9 Semester

Pre AP Oklahoma History is a semester-long course designed to increase student knowledge and understanding of the history of the state of Oklahoma. Each topic of study will add to the foundation necessary to understand the state as it exists today. These topics will help students understand the state in which they live and will be participating in as a young adult. In this course students will use primary sources as well as maps, graphs and charts to help gain a working knowledge of the history of Oklahoma. These resources will help to create critical thinking skills as well as an understanding of history. Students will also focus on social studies process skills that will help them to be successful in future AP history courses.

Pre-requisite:
Teacher Recommendation



WORLD HISTORY

Course ID# 000202
Grade 10 - Year

This course is a survey of the history of mankind, which begins with prehistory and ends with the conclusion of the 20th century.

AP EUROPEAN HISTORY

Course ID# 000225
Grades 10-12 - Year

This Advanced Placement history course will entail the study of European history since 1450 to the end of the Cold War and introduces the students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing.

This is an elective course UNLESS selected to replace World History.

**Cost of the exam is approximately \$95*

Students may earn college credit if the exam is passed.

SOCIAL STUDIES

AMERICAN GOVERNMENT

Course ID# 000201
Grade 12 One Semester

American Government will focus on the functions and events leading to the creation of the federal system. Comparisons will be made between different governmental and economic systems. The course will cover historical events that occurred in America from colonization until the War of 1812. Emphasis will be placed on the Constitution and the inner working of the three branches of government.

Required for Seniors.

AP U.S. Government & Politics also fulfills this requirement.

AP U.S. GOVERNMENT & POLITICS

Course ID# 000241
Grade 12 - Year

This is a year long course that is equivalent to a college introductory course in government. The course is designed to give students a critical perspective on politics and government in the U.S. and prepare students for the AP Exam. The class involves studies of general concepts and analysis of specific case studies. Extensive reading and homework will be required.

This course will replace American Government.

**Cost of the exam is approximately \$95*

Students may earn college credit if the exam is passed.

WORLD GEOGRAPHY

Course ID# 000214
Grades 11-12 One Semester

This course is a study of the interrelationships among individuals and their environment. Students will explore the use of skills such as thinking, decision making, and problem solving learned in the social studies as a basis for action in a democratic society. The student will analyze contemporary global issues as well as identify and use maps, graphs, and statistical sources. This course is also a study of the diversity and commonality among nations, races, cultures, and institutions. Students will locate and describe global patterns as well as study the major regions of the world.

AP HUMAN GEOGRAPHY

Course ID# 000243
Grade 12 - Year

This course introduces the student to the importance of spatial organization: the location of places, peoples, events, and the connections among places and landscapes in the understanding of human life on earth. Geographic concepts emphasized throughout the course include location, space, place, scale, pattern, regionalization, and globalization. These concepts are basic to a student's understanding of spatial interaction and spatial behavior; the dynamics of human population growth and movement; patterns of culture; economic use of Earth; political organizations of space; and human settlement patterns, particularly urbanization.

Recommendation: World Geography

**Cost of the exam is approximately \$95*

Students may earn college credit if the exam is passed.

AP MACROECONOMICS

Course ID# 000633 - Year
Grades 11-12

AP Macroeconomics is a college-level course. Each student is expected to take the AP Macroeconomics Exam that will be administered in May. This course is designed to give students a thorough understanding of the principles that apply to an economic system as a whole, including national income and price determination, economic performance measures, economic growth, and international Economics.

**Approximate cost of exam is \$95*

Pre-requisite: Algebra II

UNITED STATES HISTORY

Course ID# 000203
Grade 11 - Year

The content of this course covers 1850 to the present. The course looks at the effects of our past on today with a view of the possible effect on America's future.

All students are required to take the state-mandated EOI exam.

Required course for all Juniors. AP US History also fulfills this requirement.



AP UNITED STATES HISTORY

Course ID# 000204
Grade 11 - Year

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in American History (colonization to the present). The program prepares students for intermediate and advanced college courses. Students will learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course is designed for the student who has a serious interest in history.

Summer reading prior to the beginning of the course is required.

Recommended: “B” average in Freshman and Sophomore English and History courses.

This course will replace United States History.

All students are required to take the state-mandated EOI exam.

**Cost of the exam is approximately \$95*

Students may earn college credit if the exam is passed.

STREET LAW

Course ID# 000621
Grades 9-12 One Semester

This course provides the basic foundation of the legal system. Students are introduced to the law throughout a brief study of the following topics: how lawyers are developed; the American legal system; the function, organization, and workings of the federal and state courts; civil and criminal law; rights and responsibilities of young people; contractual rights and responsibilities in common business transactions. This course will help students understand their legal rights and responsibilities and legal implications in various business and personal situations.

SOCIOLOGY

Course ID# 000246
Grades 11-12 One Semester

Students will explore the concepts and theories necessary to systematic understanding of our social worlds. Topics may include: considering sociology as science; the nature of large and small scale groups; social stratification; historical eras and social change; and race, ethnic and gender relations.

PSYCHOLOGY

Course ID# 000210
Grades 11-12 - Year

Psychology is the scientific study of behavior and mental processes. Current theories such as Structural, Functional, Behavioral, Gestalt, Psychoanalytic, Existential, Humanistic, and Cognitive Psychology will be studied. Scientific method of study, physiological structure of the brain and nervous system, perception and consciousness will be areas of study. In addition, the areas of human development, personality development, and psychological disorder/treatment will be studied.

AP PSYCHOLOGY

Course ID# 000205
Grades 11-12 - Year

AP Psychology is designed to be the equivalent to an introductory college course in psychology. This course will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principals, and phenomena associated with each of the major subfields within psychology.

**Cost of the exam is approximately \$95*

Students may earn college credit if the exam is passed.

Required Courses	Electives
9th - Oklahoma History	Psychology
10th - World History OR AP European History	AP Psychology World Geography
11th - US History OR AP US History	AP Human Geography Street Law Sociology
12th - American Government OR AP US Government & Politics	AP Courses can all be electives if not taken as a required course.
Check specific course information for grade level requirements for electives.	

WORLD LANGUAGE

Students who satisfactorily complete Spanish I or French I in the eighth grade will fulfill one year of the two year world language requirement, and the credit will be placed on the student's transcript.

Spanish I or French I taken in the eighth grade may not be accepted as high school credit by some college and universities unless an additional higher level Spanish course is taken. Please check with individual college and universities for further information.

It is recommended that any student that didn't make a "B" or better in Spanish I or French I in the eighth grade take that course again before taking Spanish II or French II. Only 1 credit may be earned for Spanish I or French I.

The goal of the eighth grade Spanish and French programs at YMS is to encourage students to pursue their target language in a five-year language program, to develop fluency, and to strive toward bilingualism.

World Language courses provide units of credit toward Oklahoma's Promise and graduation requirements.

For success, it is highly recommended that courses be taken consecutively.

FRENCH

FRENCH I

Course ID# 000709
Grades 9-12 - Year

French I teaches pronunciation and basic grammar in conversational modes with new vocabulary and structure being continually learned. At various times the student will read, write, speak and understand the language. Acquainting the student with the French culture is also stressed, especially as it differs from the American lifestyle. Students will also be introduced to the French-speaking world. Songs, games, videos and CD's are used as teaching aids.

FRENCH II

Course ID# 000710
Grades 9-12 - Year

This class is a continuation of French I teaching language structure, vocabulary and the culture of France and other Francophone countries. Understanding and using compound tenses, developing writing skills, and improving reading are stressed. Using French in the classroom is encouraged.

Pre-requisite:

Successful completion of French I

PRE AP FRENCH III

Course ID# 000721
Grades 10-12 - Year

Pre Ap French III is a course in which students will continue to enhance listening, speaking, reading and writing skills. There will be an emphasis on vocabulary, verb tenses, French literature, French art, and conversational skills. After this course, students can enroll in AP French.

Pre-requisites: French I, French II

Recommendation: Students should have an "A" or "B" in prerequisite courses.

AP FRENCH LANGUAGE AND CULTURE (AP French IV)

Course ID# 000712
Grades 11-12 - Year

Speaking, listening, reading, and writing skills will be emphasized on a daily basis. Students will continue to review and study grammar, vocabulary, verb tenses, and literature from various Francophone countries. French will be the only language spoken at this level.

Pre-requisites: French I, French II, Pre AP French III

Recommendation: Students should have an "A" or "B" in prerequisite courses.

**Cost of the exam is approximately \$95*

Students may earn college credit if the exam is passed.



Yukon High School Website

SPANISH

SPANISH I

Course ID# 000705
Grades 9-12 - Year

Spanish I is designed to help the student develop the basic language skills of listening, speaking, reading, and writing. It also expands the student's concept of the cultural background of the Spanish speaking world. Vocabulary is reinforced and speaking, reading and writing skills are developed.

SPANISH II

Course ID# 000706
Grades 9-12 - Year

This course is designed to help the students achieve a higher degree of mastery in the basic language skills of listening, speaking, reading and writing. Vocabulary is reinforced, and speaking/writing skills are developed through a variety of methods.

Pre-requisite:

Successful completion of Spanish I

PRE AP SPANISH III

Course ID# 000715
Grades 10-12 - Year

This course is designed for students who display an unusual aptitude for reading, writing, and speaking the Spanish language and later may wish to take AP Spanish Language. This course enables students to successfully handle a variety of communications tasks and social situations. Students will develop strategies to help them sustain understanding over longer stretches of time on a number of topics, and will develop an ability to explain cultural differences. Additionally, they will develop practical writing skills and will begin reading literary texts.

Pre-requisites: Spanish I, Spanish II

Recommendation: "C" or better in Spanish II or native speaker status.

AP SPANISH LANGUAGE AND CULTURE (AP SPANISH IV)

Course ID# 000719
Grades 11-12 - Year

At the advanced level, communication skills satisfy the requirements of everyday conversations. Reading includes poetry, other literary works, and material written for the general public. Writing will include special assignments on Spanish and Hispanic-American authors, painters, etc. Hispanic literature and culture will continue to be emphasized.

Pre-requisite: Pre AP Spanish III or native speaker status.

Recommendation: "C" or better in Pre AP Spanish III or native speaker status.

**Cost of the exam is approximately \$95*

Students may earn college credit if the exam is passed.

Placement is determined through an oral interview and/or written test.

AP SPANISH LITERATURE

Course ID# 000720
Grades 11-12 - Year

This course is designed to introduce students to the formal study of a representative body of texts from Peninsular Spanish, Latin American and U.S. Hispanic literature. The course provides opportunities for students to demonstrate their proficiency in Spanish across the three modes of communication (interpersonal, interpretive and presentational) and the five goal areas (communication, cultures, connections, comparisons and communities).

Pre-requisite: Pre AP Spanish III or Teacher Recommendation

**Cost of the exam is approximately \$95*

Students may earn college credit if the exam is passed.

Spanish for Native Speakers

Course ID# 000722
Grades 9-12 - Year

This course is designed to develop and challenge the Heritage speaker student's ability in speaking, reading, writing, listening, and culture development in Spanish. This course offers Spanish-speaking students an opportunity to study Spanish formally in an academic setting. The course allows students to reactivate the Spanish they have learned previously and develop it further, to learn more about their language and cultural heritage, to acquire Spanish literacy skills, to develop or augment Spanish academic language skills, to enhance career opportunities, or to fulfill a world language college admission requirement. Students develop strategic Spanish academic vocabulary, learn to critically analyze a text and poetry, and acquire new information in different academic content areas. For native speakers to maintain the language, a formal study of Spanish needs to occur with instructional goals focusing on grammar, reading and writing, vocabulary development, exposure to the language and culture and its communities, and consciousness-raising activities about Spanish language and identity.

Pre-requisite:

Native or Heritage Speaker



CAREER TECHNOLOGY

TECHNOLOGY EDUCATION CABINETRY

CABINETRY I

Course ID# 000920
Grades 9-10 - Year

The introduction to cabinetmaking program is designed to prepare students to transition into an advanced carpentry program, Technology center program and/or perform beginning-level cabinetmaking tasks under the supervision of an experienced cabinetmaker. Students receive instruction in wood materials selection, general safety, stationary machine safety, and portable power tool safety. Students learn how to create a working drawing and read working plans and blueprints. Students learn basic wood protective finish, and how to apply mathematics and reading comprehension into their daily work.

Fees: \$50

TSA is an integral part of this course and therefore students are strongly encouraged to join. While being a member, students will have opportunities to develop leadership skills, organization skills, participate in community service projects, compete, and much more. Dues are \$10 which includes local, state and national memberships.

CABINETRY II

Course ID# 000921
Grades 10-12 - Year

This course is designed to teach more advanced cabinetmaking and construction skills. Students will explore career training options at Canadian Valley Tech Center, community colleges and other higher education options. Students will build kitchen style cabinets, assist with the construction of small sheds, and build more advanced cabinetmaking projects.

Fees: \$50 1st Semester
(kitchen cabinet)
\$50 - \$100 2nd Semester
(individual projects)

TSA will be a part of activities.
Leadership and contest opportunities will be provided to all students.

FFA

CAREER TECHNOLOGY AGRICULTURE

FFA is an integral part of these agricultural courses and therefore students are strongly encouraged to join. While being a member, students will have opportunities to develop leadership skills, organization skills, participate in community service projects, compete, and much more. Dues are \$15 which includes local, state and national memberships.

INTRODUCTION TO AGRISCIENCE (AG I)

Course ID# 001060
Grades 9-12 - Year

This course is designed to be the introductory course for all courses in Agriculture. Course content emphasizes science-based approaches to the agricultural industry, natural resources, animal science, plant/horticulture and soil science, agricultural safety, agribusiness and economic principles, careers, and agricultural mechanics. **Animals are NOT required.**

EMPLOYMENT IN AGRIBUSINESS I

Course ID# 001071
Grades 11-12 - Year

This course includes fundamentals of managing and operating agricultural businesses, economic systems and business methods, entrepreneurship, legal regulations, and records and financial analysis as well as agricultural commodity and international marketing, promotion/advertising, and technology in sales and marketing. The course includes a work-study component that is designed for students who have a job in an agriculture-related field.

Pre-requisite: Completion of one year of agriculture, teacher approval, Concurrent enrollment in an agriculture class.

ANIMAL SCIENCE

Course ID# 001061
Grades 10-12 - Year

This course is designed for students interested in learning the fundamentals of science-based animal agriculture. Course contents include the importance and scope of agricultural animals, taxonomy, anatomy, physiology, reproduction, nutrition, health and disease management, facilities and equipment, and production practices of popular species. Evaluation, fitting, showing, marketing, animal ethics and safety are also included.

Pre-requisite: Agriculture I

This course counts as a third science requirement for YHS graduation. See your counselor for details.

This course will not fulfill requirements for college entrance.



AGRICULTURAL POWER AND TECHNOLOGY

Course ID# 001066
Grades 10-12 - Year

Upon completion of this unit, the student will gain a background into the various welding processes used in the agriculture field. This unit will include both the theory and technical practices of the different processes the student chooses.

Pre-requisite: Teacher approval

HORTICULTURE

Course ID# 001068
Grades 11-12 - Year

This course is designed for students who wish to develop knowledge and skills related to ornamental horticulture, including floristry, landscaping, turf, and greenhouse production. Content includes species and importance of horticultural plants, plant safety, plants as living organisms, sexual and asexual reproduction, plant growth, and cultural practices, including the use of greenhouses and other growing structures. Disease and pest management, plant nutrition, and growth regulation are included.

Pre-requisite: Teacher approval
This course counts as a third science requirement for YHS graduation.

COMMUNICATIONS IN AGRICULTURE

Course ID# 001063
Grades 11-12 - Year

This course is designed to introduce students to topics related to promoting agriculture through a variety of media sources. It is a specialized course for students pursuing a career in communications.

Pre-requisites: Vocational Agriculture and Animal Science.



FFA Facebook

FCCLA

CAREER TECHNOLOGY FAMILY AND CONSUMER SCIENCES

FCCLA is an integral part of Family and Consumer Science Courses and therefore students are strongly encouraged to join. While being a member, students will have opportunities to develop leadership skills, organization skills, participate in community service projects, compete, and much more. Dues are \$20 which includes local, state and national memberships.

FAMILY AND CONSUMER SCIENCE I

Course ID# 001056
Grade 9-10 - Year

This is a comprehensive study intended to generate basic knowledge and skills in child development, clothing and textiles, consumer education, food and nutrition, housing and home furnishings, personal development, and family relationships. Attention is also focused toward assisting students in career exploration.

Students are encouraged to join FCCLA to enhance their high school experience.

FOOD SCIENCE AND NUTRITION

Course ID# 001041
Grades 10-12 One Semester

Food Science and Nutrition is designed to help students apply science concepts and principles to their daily lives. Emphasis is placed on food handling and storage, food products and processing and application of specific food science principles. This course will also provide students with accurate information about foods and nutrition basics for making informed choices, address healthy food choices and the relationships among food, nutrients and the body. The class will help students build specific consumer skills important

for success in the workplace and home. Using recipes, interpreting food labels, identifying strategies for purchasing and preparing foods, planning meals at home, applying a research-based food guidance system (the Food Guide Pyramid), and modeling appropriate rules of etiquette while eating at home or in professional situations are examples of units and concepts which address this goal. Also incorporated into the class are job-readiness skills, which include preparing a career portfolio and participating in a day of job shadowing.

INTRODUCTION TO HOSPITALITY AND TOURISM

Course ID# 001055
Grades 10-12 One Semester

This is a core course 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 the course. Areas of study include food service, lodging, travel and tourism, recreation and attractions. The course would pair nicely with Touring Oklahoma by offering Intro the first semester and Touring the second semester.

Pre-requisite: none

SUCCESSFUL ADULTHOOD: SURVIVING AND THRIVING

Course ID# 00193
Grades 10-12 One Semester

This is a one-semester course designed to provide students with information and skills in making decisions as they transition from high school to college, to the future. Emphasis is on communication skills, understanding self, leisure activities, etiquette, personal safety, understanding grief and loss, making healthy food choices, and food preparation. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

A Family and Consumer Science End of Instruction Exam is required of all students, but is not recorded on student's transcript.

MARRIAGE AND FAMILY LIFE

Course ID# 001040
Grades 10-12 One Semester

Included is a study of personalities, relationship skills, planning a wedding, budgeting, and effectively handling crises. Also incorporated into the class are job-readiness skills, which include preparing a career portfolio and participating in a day of job shadowing.

OVERVIEW OF THE FASHION INDUSTRY

Course ID# 001028
Grades 10-12 First Semester

A specialized course designed to prepare students to evaluate textile and apparel selections in the terms of social, cultural, and psychological influences. Instruction will focus on applying knowledge of fibers, fabrics, and design when evaluating textile products; understanding the basics of market economics in relation to textiles, design, and promotion; and analysis of career options within the fashion industry. Students will have the opportunity to demonstrate leadership, citizenship, and teamwork skills required for success in the family, workplace, and global community through FCCLA.

TEXTILES AND APPAREL ASSEMBLY

Course ID# 001019
Grades 10-12 Second Semester

A specialized course designed to prepare students to apply fundamental principles in selecting, designing, and producing apparel and textile projects. Instruction will focus on sewing techniques, pattern manipulation, the operation of various sewing machines, and analysis of career options within the textile and apparel design industry. Students will have the opportunity to demonstrate leadership, citizenship, and teamwork skills required for success in the family, workplace, and global community through FCCLA.

PARENTING AND CHILD DEVELOPMENT

Course ID# 001031
Grades 10-12 One Semester

Students learn about children's needs and their development from conception through school age. Students will gain skills by caring for the "Real Care Baby" simulator as part of the curriculum and will have the opportunity to work with Pre Kindergarten and Kindergarten students to enhance their classroom experiences. Also incorporated into the class are job-readiness skills, which include preparing a career portfolio and participating in a day of job shadowing.

HOUSING AND HOME FURNISHINGS

Course ID# 001031
Grades 10-12 One Semester

This class increases knowledge and develops skills in living space and its design, home selection and home finance, housing exteriors and interiors, selection and purchase of furnishings, and employment opportunities in the area of housing and home furnishings.

Fees: Students will be required to supply materials and money for projects.

TOURING OKLAHOMA

Course ID# 001054
Grades 9-12 One Semester

The purpose of this course 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. Second, destinations and events within each region are profiled in terms of major tourism themes. Students will have the opportunity to demonstrate leadership, citizenship, and teamwork skills required for success in the family, workplace, and global community through FCCLA.

CULINARY ARTS

Course ID# 001029
Grades 11-12 - Year

This course will focus on learning and practicing basic culinary skills and techniques used in the food industry focusing on the use of commercial kitchen equipment and quantity cooking. Students will be introduced to culinary vocabulary, safety and sanitation, history of food industry, mise en place, ingredients, equipment, principles and techniques of cooking, and will learn to prepare food and present it in a fun, professional team environment. Class instruction will include lecture, cooking demonstrations and hands-on practice by the students. Assignments will be given to assist students in improving existing skills while learning/reinforcing new ones including reading and understanding of written recipes, preparation of cold and hot food, and presentation of dishes. All basic cooking methods (blanching, poaching, boiling, steaming, sauteing, braising, roasting, baking, etc...) will be covered. These techniques will be practiced by the students with off site catering opportunities and field trips as they arise as well as in house (YPS School District Activities/Events) that will be required. Full chef uniform is provided for outside activities, returning end of school year.

Students will be required to purchase an approved knife kit and black, closed toe kitchen shoes.

Pre-requisites:
Food Science and Nutrition



MEDICAL PROFESSION ACADEMIC ELECTIVES

MEDICAL PROFESSIONS ACADEMY ELECTIVES

HOSA is an integral part of all Medical Professions Academy Electives and therefore students are strongly encouraged to join. While being a member, students will have opportunities to develop leadership skills, organization skills, participate in community service projects, compete, and much more. Dues are \$20 which includes local, state and national memberships.

MEDICAL PROFESSIONS I

Course ID# 001090
Grades 10-11 - Year

Emergency first aid skills and sports medicine principles are incorporated to give students a solid background in the exciting health industry. Students will become first aid and CPR certified while training to assess injuries and provide emergency medical care. Students will also create an injury prevention program including a physical exam, conditioning program, equipment fitting and nutrition. This class consists of both classroom and laboratory instruction.

MEDICAL PROFESSIONS II

Course ID# 001097
Grades 10-11 - Year

This course is designed for students interested in pursuing a career in the health industry. Students will learn the medical vocabulary used by health care professionals and apply the terminology to medical issues with realistic patient scenarios, and asked to work together to research, problem-solve and present findings.

Pre-requisites:
Medical Professions I



CANADIAN VALLEY TECHNOLOGY CENTER

Course Descriptions for 2015-2016

All programs are available on the El Reno campus unless otherwise indicated.

AUTO BODY TECHNOLOGY*

Learn collision repair with an emphasis placed on late model vehicles. Specific training areas include shop management, frame repair, collision repair, refinishing and auto detailing. This is an ASE/NATEF certified training facility.

AUTO SERVICE TECHNOLOGY*

Offers training in brakes, heating and air conditioning, suspension and steering, manual drive train and axles, engine performance drivability, engine repair and electrical systems. ASE certified program.

BUSINESS OFFICE TECHNOLOGY*

Offers training in general office skills, office management, administrative assisting and customer service.

BIOMEDICAL SCIENCE* COWAN CAMPUS

This program prepares students for careers as health and science professionals. Lessons will engage students in rigorous and relevant hands-on problems related to the human body, cell biology, genetics, diseases and other biological sciences. This is a college-prep course that offers AP science and math courses as well as Project Lead the Way courses.

COMPUTER AIDED DRAFTING AND DESIGN* COWAN CAMPUS

Emphasis is on basic computer aided drafting, technical, architectural, and structural drafting and 3-D imaging. AutoCAD is used in both basic and advanced drafting.

COMPUTER INFORMATION SYSTEMS*

In this program students will build, install, configure, upgrade, diagnose, troubleshoot and repair computer workstations, servers and networks. Students will learn to build and install Ethernet cabling and connect and configure switches, hubs and routers, allowing computers to communicate with one another. The capstone project will focus on network security: building and configuring firewalls, Virtual Private Networks (VPN's), and intrusion detection systems (IDS) to protect network data and resources.

COMPUTER PROGRAMMING* COWAN CAMPUS

Learn how to write object oriented programs using various programming languages to create event-driven programs. Students will also learn to code game engines to create computer video games or other interactive applications with real-time graphics. The various languages covered include HTML, PHP, JAVA, C#, Visual BASIC.Net and mySQL.

CONSTRUCTION TRADES*

Develop skills in current commercial and residential building techniques in frame and finish carpentry. This course includes instruction in roofing, framing, siding, doors and trim, cabinetmaking and countertops.

COSMETOLOGY

Receive classroom instruction and hands-on training in nail, scalp, hair and facial treatments and care. Students must be 16 years of age. Pull-out academic classes cannot be taken in this program area.

DIESEL TECHNOLOGY*

Emphasis is on maintenance and repair of heavy-duty over-the-road trucks and equipment. Learn about diesel engines, power train components, fuel and electrical systems, air brake systems and cab air conditioning. This is an ASE/NATEF certified training facility.

EARLY CARE AND EDUCATION*

Prepares students for employment in child care occupations. Learn to care for the cognitive, social and developmental needs of children in all stages. Receive hand-on experience in our Child Development Center.

ELECTRICAL TRADES*

Install and maintain electrical wiring in residential and commercial electrical installations. Upon completion, enter the job market as an Advanced Electrical Apprentice in Training.

GRAPHIC DESIGN*

Learn page and ad layout, vinyl sign making and uses of digital cameras. Programs used include InDesign, Image Editing and Illustrator.

HEALTH CAREERS* BOTH EL RENO AND COWAN CAMPUSES

Gain core knowledge in anatomy, physiology, medical terminology, medical math, first aid and CPR, and communication pertaining to the health sector. Advanced students can concentrate in several areas of the health care field and then put their knowledge to use with actual clients during clinical rotations in hospitals, rehabilitation centers and other health-related agencies.

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION*

Learn basic fundamentals of safety, mechanics, refrigeration and electricity for HVACR, residential and light commercial air conditioning, domestic refrigeration, and sheet metal. All training applies toward a Journeyman License.

INTERACTIVE MEDIA AND WEB TECHNOLOGY*

Includes digital media production and web design. Learn how to create and animate graphics using Photoshop, Illustrator and Flash. Digital Media students will focus on After Effects and Final Cut. Students will have the opportunity to learn on both MAC and PC platforms.



MEDICAL OFFICE TECHNOLOGY*

This program prepares students in Microsoft Windows and MS Office Programs, medical administrative assisting, billing, coding, insurance and transcription.

PRECISION MACHINING TECHNOLOGY*

Instruction is given in setup and operation of machine tools such as lathes, grinding machines, milling and others. Learn about blueprint reading, math, CAD and CAM, and measuring tools. Students will use CNC mills and lathes.

PRE-ENGINEERING COWAN CAMPUS

Pre-Engineering education combines advanced math and science with hands-on, real-world application of engineering principles. Students will design and electric circuit, participate in a robot competition, and do other projects while learning engineering concepts. This is a college-prep course.

PROJECT CONNECT

This is an alternative education program designed to assist students ages 16-19 obtain a marketable skill and at the same time earn the credits necessary to receive a high school diploma. Students must be referred by home school principal or counselor.

SERVICE CAREERS

Learn horticulture, landscaping, floral design, custodial skills and customer service. Students gain hand-on experience in the on-site greenhouse. Emphasis is on the development of employability skills and attitudes.

WELDING*

Obtain qualifications to become a certified welder in Shielded Metal Arc Welding (STICK), Gas Metal Arc Welding (MIG), Flux Cored Arc Welding and Gas Tungsten Arc Welding (TIG). Instruction is also given in oxy-fuel cutting and weld shop blueprint reading.

***COLLEGE CREDIT AVAILABLE**

Learn more about the offerings Canadian Valley Technology at the Cowan Campus.

TRANSITION PROGRAMS

COOPERATIVE SCHOOL/REHABILITATION WORK-STUDY PROGRAM

The main objective of the Cooperative Work-Study Program is to prepare students with disabilities for competitive employment within the community. This course will promote successful transition from school to post-school employment. Enrollment in this program will be determined by the IEP team.

TRANSITION CENTER

To provide students with disabilities the necessary educational experiences that are needed to develop the skills required for successful employment. Students will receive training in the transition center to develop necessary employment skills. When they demonstrate competency in these skills, they will move into the community to practice these skills within the appropriate businesses. The goal is for the students to secure competitive employment within their own community.