



High School Enrollment Information

2019-2020

Bethany Public Schools

COURSE DESCRIPTIONS

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www.bethanyschools.com

Bethany Public Schools does not discriminate on the basis of race, color, nationality
gender, age disability, religion or socio-economic status or veteran status.

PLANNING GUIDE

SCHEDULING PROCESS

This booklet is a synopsis of the courses offered at Bethany High School. Some of these classes may not be offered during the current school year. This booklet is designed to aid students and their parents in the selection of courses for pre-enrollment. It includes required and elective courses and activities for grades 9, 10, 11, and 12. To be offered, each course must have a specified number of pre-enrolled students. Courses listed in this booklet which do not attract enough students during registration will not be offered. In some cases, a class may be paired with another class. Scheduling information will be available during pre-enrollment.

PLANNING PROCESS

Please review the high school graduation requirements. Meeting these requirements is the responsibility of the student and parent. The school's staff can and will give advice about the courses that are offered, but ultimately success in high school rests upon the shoulders of each student. High school counselors and teachers are your greatest source of information when making course selections for the coming year.

We recommend that students and parents work with the faculty and staff to plan the courses to be taken for the entire four years of high school, not simply those to be taken during the coming year. Things to consider when completing a four-year plan of study are high school graduation requirements, prior successes and failures, special interests and aptitudes, college entrance requirements, and other career plans.

LANGUAGE ARTS

ENGLISH I

Prerequisites: None

Grade level: 9

Credit: 0.5 per semester

English I includes the study of writing, literature, vocabulary and grammar. Literature will focus on exploration and study of short stories, plays, novels, and poetry by genre. Composition will involve multi-paragraph essays as well as research projects.

PRE-AP ENGLISH I

Prerequisites:

1. Grade of A, B, or C in 8th grade Honors English or an A or B in 8th grade on track English
2. A sincere desire to work at a more demanding academic level
3. Teacher Approval
4. Summer reading required

Grade level: 9

Credit: 0.5 per semester

English I (Pre-AP) will focus on literature, composition, and grammar. Novels, short stories, poetry, drama, and non-fiction will be covered. The literary study will be an introduction to literary criticism and analysis with the assumption that students possess satisfactory comprehension skills. Composition will involve multi-paragraph essays, extensive in class writing, and research projects. Completion of a summer reading assignment is required as well as a passing grade on the comprehension test over the summer reading that is given the first day of school.

ENGLISH II

Prerequisites: English I

Grade level: 10

Credit: 0.5 per semester

English II includes the study of writing, literature, vocabulary and grammar. Literature takes the form of exploration and in-depth study of short stories, plays, novels, essays, articles and poetry in thematic units. Composition includes multi-paragraph essays as well as a formal research paper. In order to create more confident and more competent writers, the class also focuses on grammar and sentence structure.

PRE-AP ENGLISH II

Prerequisites:

1. Grade of A or B in English I (Pre-AP) or a grade of A in on track English I
2. A sincere desire to work at a more demanding academic level
3. Teacher Approval
4. Summer reading required

Grade level: 10

Credit: 0.5 per semester

English II (Pre-AP) focuses on literature, composition, and grammar. The literary study will be a more in depth study of literary criticism and analysis. Rather than studying literature by genre this course focuses on themes. Many types of literature surrounding a single theme may be studied in a single unit. Composition will consist of extensive in class writing, multi-paragraph essays, and 4 research projects (one of which is a multi-page research paper). Completion of a summer reading assignment is required as well as a passing grade on the comprehension test over the summer reading that is given the first day of school.

ENGLISH III

Prerequisite: English I and English II

Grade level: 11th Grade

Credit: 0.5 per semester

English III includes the study of writing, literature, vocabulary and grammar. American Literature takes the form of exploration and in-depth study of short stories, plays, novels, essays, and poetry. Composition includes multi-paragraph essays as well as a formal research paper.

PRE-AP ENGLISH III - AMERICAN LITERATURE

Prerequisites:

1. Grade of A or B in both semesters of Pre-AP English II or a grade of A in both semesters of English II
2. A sincere desire to work at a more demanding academic level
3. Teacher approval/ recommendation
4. Summer reading required

Grade level: 11

Credit: 0.5 per semester

This course focuses on American literature and history. The scope of Pre-AP English III is similar to that of on-track English; however, Pre-AP students read additional works (novels and excerpts from the anthology). Writing assignments are theme based and analytical. Persuasive and expository modes of writing are practiced. Students must consult the teacher regarding summer assignments to be completed prior to the beginning of the course.

AP ENGLISH LANGUAGE AND COMPOSITION

Prerequisites:

1. Completed English I-III
2. Open enrollment—no grade requirement per College Board recommendation
3. Summer reading required—novels and assignment (varies)

Literary focus: American literature, informational text

Grade level: 11th grade

Credit: .5 per semester

An Advanced Placement English course consists of introductory college level work for willing and able high school students. Students must be willing to work hard, to complete assignments, and to keep up with the demands of the class. This course is also discussion based. Any student not willing to contribute to class discussion should not sign up for this course.

Grading Policy: Because this course is like a college course, the grading will be done accordingly. There may not be the standard 18 grades per semester, as bigger projects and essays will take more time.

This Junior AP course includes:

1. Language Analysis
2. Study of Non-fiction texts
3. Works in the American literature anthology.
4. Research
5. Extensive writing – focus on rhetorical analysis
6. Practice for the AP exam

Since this course is taught at the college level, the reading selections are also college level in difficulty and content.

ENGLISH IV

Prerequisites: English III

Grade level: 12

Credit: 0.5 per semester

Students will study various genres of literature and non-fiction texts. Composition includes in-class, timed essays and process papers--some of which will include research elements.

PUBLICATIONS

Prerequisites: Teacher approval

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

Graphic design, journalism, and other elements of publications will be covered in the course. Students will be required to write, interview, and design the yearbook. Because the course is project and deadline based, students must be self-starters who can work independently and adhere to extended deadlines.

SHAKESPEARE

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

Shakespeare is a bi-annual elective. One semester focuses on tragedies and histories, and the other semester focuses on comedies and sonnets. The scope of this course covers the life of Shakespeare and the Elizabethan Age. Students in this class are taught about the plots and characters of the plays. Then, they watch the plays on video. After being tested on knowledge of the play, they must all participate in acting out and filming various scenes from the plays.

20TH CENTURY LITERATURE

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

20th Century Literature is a bi-annual elective. One semester focuses on literature from 1900-1950, and the other semester focuses on 1950-1999. The purpose of this class is to introduce students to a host of authors that they may not have time to cover in English classes. It includes the reading and watching of novels, short stories, plays, poems, movies, T.V. shows, and non-fiction pieces from the 20th Century. Units are taught by genre so that students see the progression of drama, adventure, fantasy, sci-fi, and other genres throughout the century.

GREAT BOOKS

Prerequisites: This class is for people who LIKE to read. Do NOT sign up if you do not enjoy reading for enjoyment.

Grade Level: 9, 10, 11, 12

Credit: 0.5 per semester

The vision for this class is a community of readers who read and discuss great books that he/she may not typically encounter in English class. Grades are based off of projects. Some film versions of the books will also be used for comparative study.

CREATIVE WRITING

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

Creative Writing is a broad-based introduction to various forms of writing, such as short story, poetry and drama. Students will experiment with writing these genres.

READING

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

Reading emphasis is placed on vocabulary, comprehension and reading strategies.

WORLD LITERATURE

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This course will focus on literature from various time periods and cultures. However, this course is about more than literature; it is about people. A great way to study people is to study what they write and read. World Literature seeks to understand people throughout time and space through their literature. This course is offered when there is significant student interest.

MYTHOLOGY

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This course comprises of two main focuses separated by semesters. Classical Greek and Roman mythology will be covered first semester, and World mythology will be covered second semester. You will learn not only about the stories of cultures, but the cultures themselves and what their stories tell us about those cultures. You will study literature, history, and art. You will be involved in analyzing myths, some creative writing, and other creative projects that will enhance our understanding and recall of gods, goddesses, creatures, stories, and themes.

CRITICAL THINKING

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

Students will read books of their own choosing for pleasure. They will set individual goals and respond to whatever they read through journals, book reviews, and other related projects.

CHARACTER EDUCATION

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This is a course covering characteristics of success, goal setting, drug education, career awareness and study skills.

ESL I, BEGINNING ENGLISH LANGUAGE DEVELOPMENT

Prerequisites: EL identification

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

The student will receive intensive English instruction in order to develop his/her Basic Interpersonal Communication Skills. The primary goals of the course are: student proficiency in every-day, survival English communication and in the building of a foundation for the development of English language necessary for success in the content areas.

ESL II, ADVANCED ENGLISH LANGUAGE DEVELOPMENT

Prerequisites: EL identification

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

The student will receive English instruction in order to continue development of Basic Interpersonal Communication Skills. Additionally, a primary focus of the course is the development of the student's Cognitive Academic Language Proficiency skills in order for the student to be successful in content area subjects and to meet the state standards in language arts, math, social studies, and science.

FOREIGN LANGUAGE

SPANISH I

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

The goal of this class is to learn sufficient vocabulary and grammar for simple communication at a beginning level- to understand, to be understood, to read and to write. The units organize the vocabulary by topics and incorporate the grammar concepts in practical application. Class participation is an essential element for success.

SPANISH II

Prerequisites: Spanish 1

Grade level: 10, 11, 12

Credit: 0.5 per semester

The goal of this class is to increase vocabulary and grammar for communication at an intermediate level- to understand, to be understood, to read and to write. Vocabulary and grammar gained in Spanish 1 will be utilized. New vocabulary and grammar concepts are introduced with the major grammar point being the past tense. Class participation is expected and extremely important.

SPANISH III/PRE-AP SPANISH

Prerequisites:

1. Grade of A or B in Spanish 2
2. Teacher approval

Grade level: 11, 12

Credit: 0.5 per semester

The goal of this class is to gain confidence and fluency in communication - to understand, to be understood, to read and to write. Ability will be increased by practicing all previously acquired information as well as through the addition of new vocabulary and many grammar concepts. Class participation is imperative.

SPANISH IV/PRE-AP SPANISH/INDEPENDENT STUDY

Prerequisites:

3. Grade of A or B in Spanish 3

4. Teacher approval

Grade level: 12

Credit: 0.5 per semester

The goal of this class is to increase confidence and fluency with communication- to understand, to be understood, to read and to write. Ability will improve through more advanced practice of all previously acquired vocabulary and grammar with limited new information. The student must anticipate working on their own as the class title suggests. This class reviews the Spanish 3 material, thus some of the presentations will be review. Assignments and all testing will be separate and working independently will be essential.

BUSINESS AND COMPUTERS

GOOGLE APPS

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

Students will receive comprehensive training in the core business skills using integrated software programs to enhance the student's computer skills and to problem solve utilizing google docs, sheets and slides.

COMPUTER SCIENCE

Prerequisites: Google Apps

Grade level: 10, 11, 12

Credit: 0.5 per semester

Computer science builds basic coding principles through HTML and CSS. The students will build websites from the ground up and also be taught javascript and python languages.

MULTI-MEDIA PRODUCTIONS

Prerequisites: Google Apps

Grade level: 10, 11, 12

Credit: 0.5 per semester

Students will learn the basics of producing, editing and writing script for film. This class is an introductory course which provides multimedia instruction to create content for convergent media audiences. This course teaches principal skills to prepare students to publish in audio, photo, print, video and web converged platforms.

COMPUTER GRAPHICS AND DESIGN

Prerequisites: Computers I

Grade level: 10, 11, 12

Credit: 0.5 per semester

In this class you will learn the theories of graphic design while designing and producing several real-world projects. Students learns basic tools used in Corel Draw and techniques for designing and creating effective pieces, publications, and digital-art. Projects may include, but are not limited

to the creation of logos, posters, ads, magazine covers, character creations, book covers, menus, album covers and much more. Have fun while learning the basic tools for creating graphic designs.

AP COMPUTER SCIENCE PRINCIPLES

Prerequisites: None

Grade level: Any

Credit: 0.5 per semester

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. The AP Computer Science Principles assessment consists of two parts: completion of through-course performance tasks and the end-of-course AP Exam.

LEADERSHIP

Prerequisites: Teacher approval

Grade level: 11 & 12

Credit: 0.5 per semester

Leadership class focuses on four components: volunteerism, character building, character studies, and school projects. Each student is responsible to find a place to volunteer 2 of the 5 class hours per week. This may be done within the school district or outside of the school district. Each student is also expected to participate in annual projects (ex: Christmas party at Daily Living) and spontaneous projects which arise out of a need in the metro area. The candidate for leadership must possess a desire to lead and to grow as a person. Candidates must also contribute positively or he/she will be removed from the class at semester.

STUDENT COUNCIL

Prerequisites: Must be a STUCO officer, class President, or selected by application and interview

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This class is mandatory for elected Student Council officers and class Presidents. If Presidents cannot work the class in to their schedules, then Vice-Presidents are encouraged to enroll. There are also several openings available for all other students to go thru an application process and interview. Student Council is responsible for the following activities: Pep Assemblies, Food Drives, Adopt-A-Family, CFD, movie nights, back-to-school events, etc. To run for an office – elections are held every April. During the first week of May there are a few offices that can be applied for and applications are released. During the first two weeks of school, room representatives are elected in their 5th hour classes. Parents are welcome to be a part of everything.

ACCOUNTING I

Prerequisites: None

Grade level: 11, 12

Credit: 0.5 per semester

This course provides students with a strong foundation in generally accepted accounting principles and techniques needed for success in careers in accounting or other business related fields.

LAW FOR BUSINESS /PERSONAL USE

Prerequisites: None

Grade Level: 10, 11, 12

Credit: 0.5 per semester

Business Law is a Bi-annual elective. This course is a study of the rules that apply to business situations and transactions. The student will develop an understanding of legal terminology, government regulations and protection of businesses organized as sole proprietorships, partnerships, or corporations, contracts, legal agreements and laws affecting employment.

INTRO TO BUSINESS

Prerequisites: None

Grade Level: 9, 10, 11, 12

Credit: 0.5 per semester

Business is a bi-annual elective. This is a course in which the student will gain an understanding of the economy, personal business management, business organizations, career planning, marketing, saving and investing, risk management and insurance.

STREET LAW

Prerequisites: None

Grade Level: 9,10, 11, 12

Credit: 0.5 per semester

Street Law is dedicated to empowering people through law-related education. Students will learn substantive information about law, democracy, and human rights through strategies that promote problem solving, critical thinking, cooperative learning, improved communication and conflict resolution skills and the ability to participate effectively in society.

PERSONAL FINANCIAL LITERACY

Prerequisites: None

Grade Level: 11, 12

Credit: 0.5 per semester

This is a required class starting in 2013 to graduate. The students will gain an understanding in earning an income, understanding state and federal taxes, banking and financial services, balancing a checkbook, savings and investing, planning for retirement, understanding loans and borrowing money, including predatory lending and payday loans; and understanding interest, credit card debt, and online commerce.

ECONOMICS

Prerequisites: None

Grade Level: 11, 12

Credit: 0.5 per semester

This is a one semester class. The Course will begin with defining economics and an overview of the free-enterprise system and supply and demand. Students will examine the workings of the marketplace, business, and the labor force. Students will investigate the components and operation of the United States economy, including the political influences that shape it.

SPORTS MARKETING

Prerequisites: None

Grade Level: 9, 10, 11, 12

Credit: 0.5 per semester

This semester long course will take students on a journey through the world marketing and management in the fields of sports and entertainment. Students will learn and practice the basic principles of marketing and

management and how to apply those principles to sports and entertainment. Knowledge will be demonstrated through presentations, worksheets, online simulations and exams.

SOCIAL STUDIES

U.S. GOVERNMENT

Prerequisites: None

Grade Level: 12

Credit: 0.5 per semester

This is a one semester class. Content will encompass a thorough examination of the United States Constitution, the responsibilities and procedures of the three branches of our federal government, the process of the Electoral College, and establishment and influences of political parties.

OKLAHOMA HISTORY

Prerequisites: None

Grade Level: 9

Credit: 0.5 per semester

This is a one semester class. The course explores our state's cultural, economic, and political history from the prehistoric settlements through the present.

WORLD HISTORY

Prerequisites: None

Grade level: 10

Credit: 0.5 per semester

This course is a study of the development and growth of ancient civilizations, the rise of Western Europe, and the impact Europe had on the development of the social classes, economic systems, and political ideologies throughout the world.

US HISTORY

Prerequisites: None

Grade level: 11, 12

Credit: 0.5 per semester

US History is a year-long study of American History beginning with Civil War Reconstruction and continuing through the War on Terror. Students will understand themes and changes in American society during this time. This is a required credit for high school graduation. At the end of the year students will take a state mandated test. The class is a combination of lecture, class discussion, homework, projects, and tests.

MILITARY HISTORY

Prerequisites: None

Grade Level: 9, 10, 11, 12

Credit: 0.5 per semester

This is a one semester class that will begin with the Colonial Wars and follow U.S. Military engagements through Vietnam. Students will analyze the strategic, technological, social and political influence of these engagements on the United States.

MODERN HISTORY

Prerequisites: None

Grade Level: 9, 10, 11, 12

Credit: 0.5 per semester

As a result of this course, students will develop a deeper understanding of their place in American history as well as make connections between events and global patterns. The primary purpose of this course is to help students understand themselves as Americans through the study of United States history. Another goal is to understand the historical processes which affect our lives today. Students will be able to discuss how the major trends, events and individuals from 2000 through present time.

NATIVE AMERICAN STUDIES

Prerequisites: None

Grade Level: 9, 10, 11, 12

Credit: 0.5 per semester

This is a one semester class that will examine different Native American tribes throughout the United States. Students will research and analyze the history, customs, and traditions of these tribes.

AFRICAN AMERICAN HISTORY

Prerequisites: None

Grade Level: 9, 10, 11, 12

Credit: 0.5 per semester

This course will explore the African American experience from slavery to modern times. We will begin with an examination of the African slave trade and the institution of American slavery. Special consideration will be given to issues relating to the abolitionist movement, the Underground Railroad, slave rebellions, and the role played by African Americans in the Civil War, and in the abolition of slavery. We will explore the African American experience during Reconstruction and examine the challenges and obstacles faced by African American men, women, and children during the remainder of the 19th and 20th centuries. Additional attention will also be given to the experience of other minority groups facing discrimination in America.

WORLD GEOGRAPHY

Prerequisites: None

Grade Level: 9

Credit: 0.5 per semester

This course focuses on the study of physical and cultural geography, encompassing each of the major world regions.

PSYCHOLOGY

Prerequisites: None

Grade level: 11, 12

Credit: 0.5 per semester

Psychology is an elective course for juniors and seniors. Students enrolled in psychology will learn that this is a scientific study of human and animal behavior. This basic introduction to psychology will introduce students to the history of psychology, methods used by psychologists to obtain data, career possibilities, human growth and development, personality theories, mental disorders and types of therapy. Students will develop skills in critical thinking, problem solving, and group interaction.

SOCIOLOGY

Prerequisites: None

Grade level: 11, 12

Credit: 0.5 per semester

Sociology is an elective course for juniors and seniors. Students enrolled in sociology will learn about the formations and patterns of group behavior. This basic introduction to sociology will introduce students to the methods and strategies of sociological research, the influence of culture and social status on behaviors, social institutions, and the social problems affecting individuals and groups. Students will develop skills in critical thinking, problem solving, and group interaction.

AP US HISTORY

Prerequisites: None

Grade Level: 11, 12

Credit: 0.5 per semester

The AP program in US History is designed to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in US history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, their reliability, and their importance—and to weigh the evidence and interpretations presented in historical scholarship. An AP US History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. The class will also prepare the student for the end-of-year state test in US History.

Grading Policy: Because this course is like a college course, the grading will be done accordingly. There may not be the standard 18 grades per semester, as bigger projects and essays will take more time.

DIGITAL CITIZENSHIP

Prerequisites: None

Grade Level: 9, 10, 11, 12

Credit: 0.5 per semester

This course will teach students about the norms of appropriate, responsive behavior with regard to technology use. Topics of emphasis will be digital access, commerce, communications, literacy, etiquette, law, rights & responsibilities, health & wellness and security (self protection).

CONTEMPORARY POLITICAL AND SOCIAL ISSUES

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

The contemporary issues class deals with current US and World issues by coming to an understanding of the historical context as well as the social aspects involved in policy decisions. This includes a brief overview of US policy since 1900, a study of the philosophical background of the US, the two party political system of the US and the platforms of both parties, and the current issues on both the foreign and domestic fronts. Topics are relative to what is occurring during this time, such as wars in Iraq, Afghanistan, and Libya, associated diplomatic issues, national debt, healthcare, abortion, drug trafficking, and immigration.

MATHEMATICS

MATH AND FINANCE

Prerequisites: Algebra 1 and Geometry

Grade level: 11, 12

Credit: 0.5 per semester

The scope of this class is for students to have an understanding of how math applies to their future financial situations both in their personal lives and in the community. We will not only work to apply these skills but also have guest speakers and take field trips that help enrich our understanding. We will work to make educated decisions about our financial future. **This course continues to count as a high school credit but will not be included in the College Prep Curriculum or eligible for OHLAP.**

ALGEBRA I

Prerequisites: None

Grade Level: 9

Credit: 0.5 per semester

This course covers topics using the real number system that include linear equations and inequalities, systems of linear equations, exponents, radicals, rational equations, polynomials, functions, and graphing. A scientific calculator is recommended.

GEOMETRY

Prerequisite: Algebra 1

Grade Level: 10

Credit: 0.5 per semester

Geometry presents a postulation system, a study of deductive reasoning, indirect reasoning, geometric patterns, areas and volumes, geometric constructions, basic trigonometry and Pythagorean Theorem. A scientific calculator is recommended.

PRE-AP GEOMETRY

Prerequisites:

1. Teacher Approval

2. A grade of A or B in both semesters of 8th grade Algebra 1 or an A in both semesters of High School Algebra 1

Grade Level: 9, 10

Credit: 0.5 per semester

This course includes the study of traditional plane geometry concepts at an accelerated pace and covers some advanced topics more thoroughly than the regular course to prepare students for AP mathematics. More emphasis is placed on logical reasoning and proofs formal and informal. . A scientific calculator is recommended.

INTERMEDIATE ALGEBRA

Prerequisites:

1. Algebra 1 and Geometry
2. Mathematics Department Chair Approval

Grade Level: 11-12

Credit: 0.5 per semester

The emphasis of this class is more on perfecting algebraic skills rather than the exploration and abstract connections that will occur in Algebra II. This course is a bridge class between Algebra 1 and Algebra 2. **This course continues to count as a high school credit but will not be included in the College Prep Curriculum or eligible for OHLAP.**

ALGEBRA II

Prerequisites:

1. A grade of C in both semesters of Algebra 1 **is strongly recommended**
2. A grade of C in both semesters of Geometry **is strongly recommended**

Grade Level: 10, 11, 12

Credit: 0.5 per semester

Algebra II is a college preparatory course, which requires a good background in Algebra I. It covers advanced work on the development of the real and complex number systems including linear equations and inequalities and their graphs, systems of equations and inequalities, matrices and determinants, the basic operations on polynomial functions, quadratic equations and their graphs, systems of quadratic equations, radicals, integral and rational exponents, logarithms and progressions. Algebra II also stresses development of the ability to read, interpret and solve problems. A graphing calculator is recommended.

PRE-AP ALGEBRA II

Prerequisites:

1. Teacher Approval
2. A grade of A or B both semesters of Pre-AP Geometry or an A both semesters in Geometry.

Grade Level: 9, 10, 11, 12

Credit: 0.5 per semester

This course covers the same subject as Algebra II plus some advanced topics. Material is covered at an accelerated pace and in greater depth in order to prepare students for AP mathematics. A graphing calculator is required.

PRE-CALCULUS

Prerequisites: Algebra 1, Algebra II and Geometry

Grade Level: 11, 12

Credit: 0.5 per semester

This year long course is an extension of Algebra II and Geometry. Topics extended from previous studies are polynomial functions, rational functions, systems of equations, complex numbers, transcendental functions, sequences, series, and analytical geometry. New topics introduced are probability and possibly trigonometry. A graphing calculator is recommended. This course is recommended for students on the college track who do not intend on majoring in a math or science field.

PRE-AP PRE-CALCULUS AND TRIGONOMETRY

Prerequisites:

1. Teacher approval
2. A grade of A or B in both semesters of Pre-AP Algebra II or an A in both semesters of Algebra II

Grade Level: 11, 12

Credit: 0.5 per semester

This course is designed to prepare students for AP or college Calculus. Topics extended from previous studies are polynomial functions, rational functions, systems of equations, complex numbers, and transcendental functions. New topics introduced are trigonometry and limits. A graphing calculator is required for this class.

AP CALCULUS

Prerequisites:

1. Pre-AP Pre-Calculus and Trigonometry
2. Teacher approval

Grade Level: 12

Credit: 0.5 per semester

This is an Advanced Placement course which is the study of elementary functions, limit of a function, derivatives, integrals, and techniques of integration. Applications of derivatives and integrals in real-world problems from the fields of science, business, economics, social sciences, physics, and engineering are explored. A graphing calculator is required. This course is equivalent to a semester of Calculus 1 in college. At the end of the course the student will be given the opportunity to take the advanced placement exam.* This course is highly recommended for college bound students planning to major in a math or science field.

****Approximate cost of exam is \$87.00***

AP STATISTICS

Prerequisites:

1. Algebra II
2. Teacher approval

Grade Level: 11-12

Credit: 0.5 per semester

This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to the following conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. At the end of the course the student will be given the opportunity to take the advanced placement exam.* This course is recommended for college bound students as many majors now require a semester of statistics.

****Approximate cost of exam is \$87.00***

FINE ARTS

ART I

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

\$25.00 art fee

Art 1 is an introduction to high school art. The main emphasis is on learning drawing, painting, design fundamentals and three-dimensional media by practicing a wide range of art basics. This is an introduction to the elements and principles of design, art vocabulary, and development of art appreciation. Projects are to encourage creative thinking, problem solving, self-expression and technical skills.

ADVANCED ART/AP STUDIO ART

Prerequisites:

1. Grade of A or B in previous art class

2. Teacher Approval

Grade level: 10, 11, 12

Credit: 0.5 per semester

\$25.00 art fee per semester

Advanced Art is an independent environment that allows for motivated students to participate in the art making process. Students are to be talented and independent workers, therefore a great deal of freedom is allowed when selecting which projects they will attempt. Students will work toward completing a portfolio.

ARTS & CRAFTS

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

25,00.00 art fee per semester

Arts & Crafts is a course designed for two-dimensional and three-dimensional projects with a variety of media, emphasis placed on development of creativity and craftsmanship. Including art from different cultures will be explored.

ART APPRECIATION

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

\$20.00 art fee per semester

This course studies the elements of art, principles of design, art history, and art criticism. Some projects will be included relating to area studying. Art Talk textbook and scholastic magazines will be used.

VOCAL MUSIC (MIXED CHOIR)

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

An introductory choir experience that is open to any student who is interested in the study of choral music and desires to work toward a proficiency in sight-reading and part singing. This ensemble performs a variety of music and is involved in at least 3 concerts.

MIXED 1 SHOW CHOIR

Prerequisites:

1. Rental of uniforms \$50.00 per year
2. Selected by Audition Only
3. GPA 2.8 or higher

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This course is a mixed choir that performs a variety of choral literature using costumes, props, and costumes, with an emphasis on entertainment. This choir also works toward proficiency in sight-reading, part singing, and attends contests and public performances

WOMEN'S 1 SHOW CHOIR

Prerequisites:

1. Selection by audition only
2. Rental fee for uniforms \$50.00 per year
3. GPA of 2.8 and higher

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This course is a mixed choir that performs a variety of choral literature using costumes, props, and costumes, with an emphasis on entertainment. This choir also works toward proficiency in sight-reading, part singing, and attends contests and public performances

MIXED 2 SHOW CHOIR

Prerequisites:

1. Selection by audition only.
2. Rental fee for uniforms \$50.00 per year
3. GPA of 2.5 and higher

Grade level: 9th and 10th

Credit: 0.5 per semester

The women's choir performs a variety of choral literature using costumes, props, and costumes, with an emphasis on entertainment. This choir also works toward proficiency in sight-reading, part singing, and attends contests and public performances

WOMEN'S 2 SHOW CHOIR

Prerequisites:

1. Selection by audition only.
2. Rental fee for uniforms \$50.00 per year
3. GPA of 2.5 and higher

Grade level: 9th and 10th

Credit: 0.5 per semester

This is a mixed choir that performs a variety of choral literature using costumes, props, and costumes, with an emphasis on entertainment. This choir also works toward proficiency in sight-reading, part singing, and attends contests and public performances

INSTRUMENTAL MUSIC I - CONCERT/MARCHING BAND

Prerequisites:

1. Middle School Band
2. Director Approval

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This course focuses on technical, musical, and performance aspects of playing woodwind, brass, and percussion instruments. Students will participate in concerts, festivals, contests, and have the opportunity to be involved in honor bands and solo/ensemble festival. The marching band is composed of all students enrolled in the high school band program. Marching Band will perform at all home and away varsity football games, contests, parades, and special events. Concert Band season will begin directly after the competitive marching season, and will carry through second semester. Ensemble skills, balance and blend, intonation, and ensemble precision will be of focus. Rehearsals take place during the school day but extra practices will be required.. Attendance is mandatory at all performances and rehearsals.

MUSIC APPRECIATION

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

The purpose of this course is to introduce students to the fundamentals of the stylistic periods of Western music with an emphasis on general listening skills, as well as a general introduction to world music. Students will develop an understanding of the most significant composers and renowned musicians, learn and understand fundamental terms and symbols of music theory, and discern the role and importance of music in their daily lives.

JAZZ BAND

Prerequisites:

1. Instrumental Music I

2. Director Approval

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

Students will perform jazz literature emphasizing the style, theory, and performance practices of jazz music. Students will demonstrate proficiency of various jazz styles through concerts and performances throughout the school year. Rehearsals take place during the school day but extra practice will be necessary. Attendance is required at all performances and rehearsals. Exceptions to prerequisite rule #1 will be considered for piano and guitar players only. Piano and Guitar players must have at least 3 years of performance experience and independently read music.

ORCHESTRA

Prerequisites: Teacher approval

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This course focuses on the technical, musical and performance aspects of playing the string instruments (violin, viola, cello and bass). Students will participate in various concerts and extracurricular contests throughout the year. Rental of an instrument is required.

FAMILY AND CONSUMER SCIENCES

FAMILY & CONSUMER SCIENCES I

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

Family and Consumer Sciences I course is designed to provide students with basic information and skills needed to function effectively within the family and a changing, complex society. Emphasis is given to the development of competencies related to relationships, communication and conflict resolution, caring for children, designing personal space, basic sewing skills, clothing selection and care, promoting good health and nutrition, food selection and preparation, and career exploration. Upon completion of this course, the student will have developed basic life skills that promote a positive influence on the quality of life.

Personal expense may be involved in the purchase of supplies for Family and Consumer Science classes.

FAMILY & CONSUMER SCIENCES II

Prerequisites: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

A comprehensive study designed with updated content areas of clothing and textiles. This class is a specialized course designed to prepare students to apply fundamental principles in selecting, designing and producing of apparel and textile products. Instruction will focus on sewing techniques, pattern manipulation, and the operation of various sewing machines and sergers. Laboratory experiences will be a major component of the course.

Personal expense may be involved in the purchase of supplies for Family and Consumer Science classes.

FAMILY LIVING

Prerequisites: None

Grade Level: 11, 12

Credit: 0.5 per semester

Family Living is designed to provide students with basic information and skills needed to function effectively within the family and within a changing, complex society. This course is designed to provide knowledge of family life and factors that influence lifestyle and decisions. Attention is focused on marriage and family skills, life choices, and

parenthood and family changes. Family Living is intended as a basic course from which students gain the knowledge to develop relationships effectively and deal with the many relationships that are a part of everyday life.

Personal expense may be involved in the purchase of supplies for Family and Consumer Science classes.

NUTRITION, FOOD & WELLNESS

Prerequisites: None

Grade level: 11, 12

Credit: 0.5 per semester

This is a specialized course designed to prepare students to make important decisions regarding nutrition and wellness with assurance and competence. Topics will include the impact of daily nutrition choices on long-term health and wellness; the physical, social, and physiological aspects of healthy nutrition and wellness choices; selection and preparation of nutritious meals and snacks based on USDA Dietary Guidelines including the Food Guide Pyramid; safety and sanitation processes and issues associated with nutrition and wellness; and career exploration in the nutrition and food industries. Laboratory experiences will be a major component of the course.

Personal expense may be involved in the purchase of supplies for Family and Consumer Science classes.

SCIENCE

PHYSICAL SCIENCE

Recommended co-requisite: Algebra I

Grade level: 9, 10, 11

Credit: 0.5 per semester

This course introduces the general principles of physics and chemistry. Topics include measurement, motion, Newton's laws of motion, momentum, energy, work, power, heat, thermodynamics, waves, sound light, electricity, magnetism, and chemical principles. Upon completion, students should be able to demonstrate an understanding of the physical environment and be able to apply the scientific principles to observations experienced.

PHYSICS

Prerequisites: Geometry or Concurrent Enrollment in Geometry

Grade level: 10, 11, 12

Credit: 0.5 per semester

This course provides students with a modern view of the fundamental concepts. The major topics covered are mechanics, energy, momentum, electricity and magnetism, and modern physics. Students will study physical phenomena in laboratory activities and evaluate their findings using mathematics as a descriptive tool.

PRE AP PHYSICS

Prerequisites: Geometry and Concurrent Enrollment in Algebra II

Grade level: 10, 11, 12

Credit: 0.5 per semester

This course provides students with a modern view of the fundamental concepts of physics and a solid foundation with which they may proceed to take a more advanced level of physics. The major topics covered are mechanics, energy, momentum, rotational motion, electricity and magnetism, waves, and modern physics. Students will study physical phenomena in laboratory activities and evaluate their findings using mathematics as a descriptive tool.

CHEMISTRY

Prerequisites: Biology

Grade level: 10, 11

Credit: 0.5 per semester

This course provides students with a view of the fundamental concepts of chemistry and a solid foundation with which they may proceed to take a more advanced level of chemistry. The major topics covered are atomic theory, scientific measurement, compound formation, chemical reactions, kinetics, gasses, stoichiometry, acids and bases, and electrochemistry. Students will study chemistry through discussions, visual aids, experiments, readings, reports, and periodic evaluations.

CHEMISTRY II

Prerequisites: Chemistry

Grade level: 11, 12

Credit: 0.5 per semester

Chemistry II is a continuation of the topics introduced in Chemistry I with emphasis on the different branches of chemistry. Topics will include gases, solution chemistry, thermochemistry, acid/base chemistry, nuclear chemistry, organic chemistry, and electrochemistry. Chemistry II will be taught using the principles of the flipped classroom. The flipped classroom takes much of the lecture out of the classroom with the use of video casts. This makes for more time in class for experiments and extension activities.

ENVIRONMENTAL SCIENCE

Prerequisites: None

Grade level: 10, 11, 12

Credit: 0.5 per semester

Environmental Science is a laboratory science course that teaches the student about science and its relationship with the environment. The major topics of study in this course deal with the earth system including plate tectonics, earthquakes, and volcanoes. Also included are studies of water, air, land, and the atmosphere on planet earth; ecology and ecosystems; mineral and energy resources, and the health and future of society on this earth.

AP CHEMISTRY

Prerequisites:

1. Passed Chemistry with an A or B (Pre-AP Chemistry Preferred).
2. Passed Algebra II or Concurrent Enrollment (Trig/Pre-Calc. Recommended)
3. Completion of Summer Assignment.
4. Teacher Approval

Grade level: 11, 12

Credit: 0.5 per semester

The purpose of AP Chemistry is to expose high school chemistry students to the depth and breadth of a first-year college inorganic chemistry course, while simultaneously preparing students for the AP Chemistry Examination in May. AP Chemistry at Bethany is designed to build problem solving, critical thinking and lab skills necessary for success in a college chemistry course. Class time is balanced between lecture and laboratory time.

EARTH SCIENCE

Prerequisites: Biology

Grade level: 10-12

Credit: 0.5 per semester

This course provides students with a view of the fundamental concepts of how the Earth's systems work in relation to smaller sub-units. We will break the course into 4 sub-topics: earth, water, air and sky (Not the 70's band). We will discover the earth's systems using several methods of understanding: lecture, readings, assignments, labs and field experiences.

PRE-AP CHEMISTRY

Prerequisites:

1. Passed Biology with an A or B (Pre-AP Biology Preferred).
2. Completion of Algebra I (Concurrent Algebra II Preferred)
3. Completion of Summer Assignment.
4. Teacher Approval

Grade level: 10, 11, 12

Credit: 0.5 per semester

The purpose of Pre AP Chemistry is to expose high school chemistry students to a wide variety of chemical reactions and processes that occur around them every day. Pre AP Chemistry at Bethany is designed to build the problem solving, critical thinking and laboratory skills necessary for success in an advanced chemistry course. Class time is balanced between lecture, labs, homework and projects.

AP ENVIRONMENTAL SCIENCE

Prerequisite: Biology, Chemistry (either taken previously or concurrently), and completed summer assignment.

Grade level: 10, 11, 12

Credit: 0.5 per semester

AP Environmental science is designed to be equivalent to a one-semester, introductory college course in environmental science. Environmental science covers a wide variety of topics from geology, biology, environmental studies, chemistry, and geography. We will have college level labs and tests. Students must be willing to put in extra time and effort into their homework and studying. Students are expected to take the AP exam in May which may earn them college credit.

AP BIOLOGY

Prerequisite: Biology, completed summer assignment

Grade level: 11-12

Credit: 0.5 per semester

AP Biology is a fast-paced, rigorous course that is equivalent to a two-semester college introductory Biology course in college. We will use a college textbook and have college level labs and tests. Students must be willing to put in extra time and effort into their homework and studying. Students are expected to take the AP exam in May which may earn them college credit.

ANATOMY

Prerequisite: Biology I

Grade level: 10-12

Credit: 0.5 per semester

This course is a study of the basic principles of human anatomy and physiology. Students will learn about cells, tissues, and body organization before moving on to study each of the twelve body systems. It is designed for students who are college bound and have an interest in science. There will be several dissections throughout the year.

BIOLOGY I

Prerequisite: None

Grade level: 9

Credit: 0.5 per semester

A required course, Biology is recommended for 9th graders and is the study of life including ecosystems, DNA, mitosis, genetics, population genetics, evolution, and behavior. Students participate in lab activities on a regular basis.

BOTANY

Prerequisite - Biology I

Grade level: 10, 11, 12

Credit - 0.5 per semester

Botany is a semester-long class that can be paired with Physical Science, Zoology, or stand alone. Covering the science of plants, Botany is an experimental based class that is designed to increase data analysis skills and critical thinking in students.

PRE-AP BIOLOGY I

Prerequisites:

1. As and Bs in 8th grade science and math
2. Summer Assignment
3. Preferred enrollment to students who are concurrently enrolled in Honors Geometry

Grade level: 9

Credit: 0.5 per semester

An alternative to Biology I, Pre-AP Biology covers the same information but includes several research projects that take multiple weeks to complete. Also, in Pre-AP Biology students will be expected to be able to complete more complex math concepts within the science concepts than Biology I. This class prepares students to take further advanced sciences.

HEALTH AND WELLNESS

HEALTH & WELLNESS

Prerequisite: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This course is designed to increase health literacy, instill responsible, healthy behaviors and provide an understanding of the importance of a healthy lifestyle.

PHYSICAL EDUCATION LIFETIME SPORTS

Prerequisite: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

Grades in Lifetime Sports are based on preparation for the activity and participation and effort in the activity. The course provides the basic knowledge of the rules, game strategy and etiquette of each sport.

STRENGTH AND CONDITIONING

Prerequisite: None

Grade level: 9, 10, 11, 12

Credit: 0.5 per semester

This is a year-long course in which students will learn basic strength and conditioning techniques and exercises. Grades in this class will be based on student preparation and participation.

COMPETITIVE ATHLETICS

Competitive Athletics is open to students to compete for a position on 9th grade, junior varsity or varsity teams where applicable. Bethany schools are members of the Oklahoma Secondary Schools Activities Association. Any student who wants to participate in one or more of the sports listed below must have permission by the head coach at the time of pre-enrollment. All prospective student athletes must have passed five credit subjects the previous semester and be enrolled and passing in all credit subjects weekly.

FALL

CROSS COUNTRY (B & G)
FOOTBALL (B)
SOFTBALL (G)
VOLLEYBALL (G)

ALL YEAR

BASKETBALL (B & G)
*DANCE TEAM (CO-ED)
CHERLEADING (G)
SWIMMING (B & G)

SPRING

BASEBALL (B)
GOLF (B & G)
SOCCER (B & G)
WEIGHTLIFTING (B)
TRACK (B & G)
*BOWLING (B & G)

CANADIAN VALLEY TECHNOLOGY CENTER

www.cvtech.edu

Cowan Campus

1701 S Czech Hall Road
Yukon, OK 73099
405-345-3333

El Reno Campus

6505 E Highway 66
El Reno, OK 73036
405-262-2629

Many students choose to maximize their education by adding Canadian Valley's career-focused curriculum to their class schedules. Students learn to apply math, science and other subjects into their study of various career fields. As a result, graduates are prepared to keep up with today's high-tech, rapidly changing job market.

Canadian Valley not only provides students with modern equipment and program offerings, but also delivers curriculum through innovative teaching methods. Canadian Valley incorporates a mixture of theory and practical application into its programs. Students are taught the fundamental concepts of their chosen field and then learn to apply those concepts in professional lab environments. This approach not only helps students to master highly technical procedures, it provides a head start on developing the work ethic that employers demand from employees.

Students interested in attending Canadian Valley Technology Center, can meet with the counselor or an advisor at Canadian Valley to help match student interests to program skills. While attending CVTC, students may be able to gain college credits. Plus, training in most programs prepares students for third-party certifications, which are nationally recognized in most chosen industries.

High school students attend CVTC tuition-free. Classes are available in the morning or afternoon. Students receive 1.5 credits per semester

Adults under the age of 24 who live in our district are eligible to attend tuition-free with the Next Step Scholarship.

CVTC in the morning

Attend CVTC 8:20-11:20am
Travel back to BHS
Attend your core classes in the afternoon

CVTC in the afternoon

Attend your core classes in the morning
Travel to CVTC
Attend CVTC 12:20-3:20pm

Bus transportation is provided for current BHS students.

INTERACTIVE MEDIA AND WEB TECHNOLOGY

- Visualize, direct and produce professional video and audio content for commercial broadcast
- Create interactive web pages and digital media using a variety of professional software on Mac computers
- Build a business portfolio showcasing creative digital video, print media and web design projects

CAREER FOCUS:

Prepared for immediate employment and further education

- College Credit
- Computer Science HS Credit
- Certifications

MEDICAL OFFICE TECHNOLOGY

- Perform administrative duties in the areas of billing, coding and transcription in an office environment
- Develop advanced medical office skills through computerized accounting, anatomy and medical terminology
- Interact with patients, clients and employers using ethical standards and professionalism

CAREER FOCUS:

Prepared for immediate employment and further education

- College Credit
- On-The-Job Training
- Leadership Development

PRECISION MACHINING TECHNOLOGY

- Create and build the high-tech precision parts and tools used worldwide in everyday products
- Utilize advanced computer-controlled technology to create steel, aluminum, and plastic components
- Program and control industrial CNC machines to produce products from engineering blueprints and specifications

CAREER FOCUS:

Prepared for immediate employment and further education

- On-The-Job Training
- Leadership Development

PRE-ENGINEERING

(Cowan Campus)

- Engineer, test and modify structural, propulsion and robotic projects using advanced math and science principles
- Design, build and control complex robots for practical applications and engineering competitions
- Work individually and in teams to solve unique engineering challenges using critical thinking and creative problem solving

CAREER FOCUS:

Prepared for college engineering programs

- AP Credit Available
- Computer Science HS Credit
- Math & Science HS Credit

SERVICE CAREERS

- Work independently and in teams to deliver excellent customer service while developing critical employability and job attainment skills
- Experience building maintenance and mechanical repair in residential and commercial settings
- Utilize flowers, plants and design elements to create and maintain landscapes

CAREER FOCUS:

Prepared for immediate employment and further education

- Employability
- Job Shadowing
- On-The-Job Training

WELDING

- Use advanced welding techniques and fabrication equipment to join, cut, bend and manipulate metal for industrial applications
- Interpret blueprints to meet critical design specifications
- Design and construct a wide range of projects to solve manufacturing challenges

CAREER FOCUS:

Prepared for immediate employment, advanced certifications and further education

- Certifications
- On-The-Job Training
- Leadership Development

AUTO BODY TECHNOLOGY

- Design and refinish vehicle surfaces using modern welding, sanding and painting procedures
- Utilize advanced equipment and techniques found in professional auto body repair shops
- Assess, estimate, repair and replace vehicle components with a focus on current models

CAREER FOCUS:

Prepared for immediate employment, ASE certification testing and further education

- Certifications
- On-The-Job Training
- Leadership Development

AUTO SERVICE TECHNOLOGY

- Diagnose, maintain and repair a wide range of vehicles while working with ASE certified automotive experts
- Utilize advanced diagnostic equipment to troubleshoot and repair complex automotive systems
- Use problem-solving techniques while working on today's computerized electrical systems

CAREER FOCUS:

Prepared for immediate employment, ASE certification testing and further education

- Certifications
- On-The-Job Training
- Leadership Development

BIOMEDICAL SCIENCE

(Cowan Campus)

- Utilize rigorous hands-on activities in anatomy, cell biology, genetics and disease research to gain a head start on advanced medical studies
- Manipulate and diagnose laboratory-grown molecules, cells, tissues and organs
- Execute advanced laboratory experiments and observe surgical procedures and autopsies performed by medical professionals

CAREER FOCUS:

Prepared for higher education in health professions

- AP Credit Available
- College Prep

BUSINESS OFFICE TECHNOLOGY

- Use advanced software applications and effective techniques to complete innovative business projects
- Perform a wide range of office administration procedures in a business environment
- Utilize ethical standards, confidentiality and professionalism

CAREER FOCUS:

Prepared for immediate employment, advanced certifications and further education

- Certifications
- College Credit
- Computer Science HS Credit

COMPUTER AIDED DRAFTING AND DESIGN

(Cowan Campus)

- Create products using the same design, drafting and 3D modeling software as engineering professionals
- Visualize and produce custom 3D animations, walk-through models and elaborate graphic designs
- Generate prints, prototypes and 3D computer drawings using advanced programs

CAREER FOCUS:

Prepared for immediate employment and further education

- College Credit
- Computer Science HS Credit
- On-The-Job Training

COMPUTER INFORMATION SYSTEMS

- Diagnose, repair and maintain complex computers and network systems
- Work in a professional technical support and network administration environment to meet client needs
- Configure software security programs that protect computers and networks

CAREER FOCUS:

Prepared for immediate employment, advanced certifications and further education

- Certifications
- College Credit
- Computer Science HS Credit

COMPUTER PROGRAMMING

(Cowan Campus)

- Write dynamic programming code for interactive websites, video games and business applications
- Program in advanced languages such as HTML, PHP, JAVA, C++ and JavaScript
- Work individually and in teams to develop unique software solutions

CAREER FOCUS:

Prepared for immediate employment and further education

- Certifications
- College Credit
- Computer Science HS Credit

CONSTRUCTION TRADES

- Work in commercial and residential construction including concrete forming, framing, roofing, cabinetry and trim carpentry
- Complete various construction projects both individually and in teams
- Operate a wide-range of professional hand, power and air tools

CAREER FOCUS:

Prepared for immediate employment, advanced certifications and further education

- On-The-Job Training
- Certification
- Leadership Development

COSMETOLOGY

- Operate and experience a full-service interactive salon and spa environment
- Use individual creativity to provide a wide range of artistic hair, nail and skincare services using the latest technology, trends and name-brand products
- Work with professional cosmetologists using advanced techniques in preparation for state licensure

CAREER FOCUS:

Prepared for state board licensure, immediate employment and further education

- Licensure
- Accelerated HS Track
- Leadership Development

DIESEL TECHNOLOGY

- Analyze and repair complex electric, hydraulic and diesel fuel systems for a variety of heavy trucks and equipment
- Use the same tools and techniques as professional diesel mechanics
- Troubleshoot and maintain diesel engines, electrical components, air brake systems and cab air-conditioning

CAREER FOCUS:

Prepared for immediate employment, ASE certification testing and further education

- Certifications
- On-The-Job Training
- Leadership Development

EARLY CARE AND EDUCATION

- Plan activities that enhance a child's intellectual, social, emotional and physical growth
- Interact daily in a nationally certified child development center
- Have fun preparing young children to enter kindergarten

CAREER FOCUS:

Prepared for immediate employment, advanced certifications and further education

- College Credit
- Certifications
- On-The-Job Training

ELECTRICAL TRADES

- Develop, stage and install residential and commercial electrical wiring for power control systems from rough-in to finish n Design electrical systems and interpret blueprints using critical thinking and math concepts
- Earn apprenticeship experience leading to a journeyman's license

CAREER FOCUS:

Prepared for immediate employment with an electrical contractor, apprenticeship completion and further education

- Apprenticeship
- Certifications
- Leadership Development

GRAPHIC DESIGN

- Develop, design and produce a wide range of print media for customers
- Create logos, ads, vinyl materials, posters and product packaging
- Produce a portfolio for college and employment that exhibits your unique computer designs, ads and promotional materials

CAREER FOCUS:

Prepared for immediate employment and further education

- College Credit
- Computer Science HS Credit
- Leadership Development

HEALTH CAREERS

(Cowan & El Reno Campuses)

- Practice advanced health care and diagnostic techniques in lab and clinical environments
- Deliver high quality patient care
- Perform a wide range of procedures using medical terminology and anatomy/physiology

CAREER FOCUS:

Prepared for further education, advanced certifications and immediate employment

- Certifications
- College Credit
- Science HS Credit

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION

- Design, install, and maintain heating, ventilation, air conditioning and refrigeration systems
- Utilize professional diagnostic procedures to troubleshoot and repair residential and commercial equipment
- Complete two of the three required years for a journeyman's license

CAREER FOCUS:

Prepared for immediate employment, advanced certification and further education

- Advanced College Placement
- On-The-Job Training
- Certifications