

YCHS Course Catalog: 2017-18

Bible

Route 66 (Frosh)

This is a Bible survey covering Genesis to Revelation is the main text used in Bible class. The Bible is divided into five major divisions of the Old Testament (Law, History, Poetry, Major Prophets, Minor Prophets) and the five divisions of the New Testament (Gospels, History, Pauline Epistles, General Epistles, and Prophecy). Students will learn highlights from each book and have an understanding of how God's Word, from beginning to end, shows His plan for us and His plan of Salvation realized through Jesus Christ. Students will also memorize portions of corresponding Scripture.

The Life of Christ (Soph)

Students will study the life of Jesus through the eyes of the Apostle John recorded in his book, the fourth Gospel, John. The focuses include the Deity of Christ, His adult life, and following the four Passover feasts as He traveled throughout Galilee. The purpose of the class is for students to learn about Jesus and for them to *know* Him.

Heroes of the Faith (Jr.)

Take a deeper look at the lives of those who had an impact in the Bible and examine the message God was sending through their lives. The class will analyze how these lessons effect and apply to their current generation.

Game Changers (Sr)

In this course, students will learn to identify and fulfill their personal, Godly purpose while developing successful habits and finding useful tools to effectively achieve their purpose and goals. Topics include: Finding God's purpose for us, goal setting, developing successful habits, mindset, and the importance of affirmations.

Business

Consumer Education

Foundations in Personal Finance covers the subject of personal finance through an engaging and age appropriate video series led by Dave Ramsey. The mission of this course is to empower students to make sound financial decisions for life. The unique tools of this curriculum will effectively teach students the basics of personal finance. Using methods that are both entertaining and engaging, the curriculum provides the next generation a solid foundation on which they can build their financial future.

Agribusiness

This course will develop students' understanding of the agricultural industry as related to the United States and the World marketplace. Topics include: business ownership types, planning and organizing, financing, record keeping, operations, agricultural law, taxes, and developing employability skills. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

Practicum: Job Shadow

This Practicum allows for students to be placed with a local YCHS business partner. Students will observe the day to day operation of the business and receive hands-on training in the specific field as well. Students will complete a daily log and weekly reflection piece as well as receive a semester review and evaluation from the cooperating teacher. This course is offered as part of the school's "Performance Hour."

Criminal Justice

Introduction to Criminal Justice (WCC Dual Credit)

This survey and analysis of the criminal justice system includes a historical and philosophical overview of the development, with special emphasis on the system's primary components and the relationship of these components in the administration of criminal justice in the United States.

The American Court System (WCC Dual Credit)

This course studies the American criminal court system and its relationship with law enforcement and corrections. Focusing on the adult criminal court system, topics include the dynamics of the court system, the pivotal role the court plays in the criminal justice system, and the court's relationship with the juvenile justice system.

English/Language Arts

English I/II-Course Cycle A: World Literature (Grades 9 and 10)

English I/II is a full-year required course in the English/Language Arts curriculum that integrates the study of world literature with the four basic communication skills of reading, writing, speaking, and listening. Course Cycle A will focus on African, Middle Eastern, and Asian literature.

English III/IV- Course Cycle A: British Literature (Grades 11 and 12)

English III/IV is a full-year required course in the English/Language Arts curriculum that integrates the study of British literature with the four basic communication skills of reading, writing, speaking, and listening. Course Cycle A is a survey of British Literature from the 1600s to present day.

Speech Communication (WCC Dual Credit)

This basic course in speech communication serves three primary goals: introduction to the theories of human communication, classroom experiences in a variety of communication situations, and evaluation of individual communicative behavior. For the student communicator, this course will present strategies for interviewing, group participation, leadership, mediation, confidence development, and personal representation.

Broadcast Writing & Media Production

This hybrid course provides students with the fundamental skills to engage in creative and tactical writing projects for radio, television, podcasts, and for the big screen. Formatting, style guides, industry terminology, and creative exercises to facilitate writing will be covered. The students will then move into a production environment where they will create scripts and then produce short projects in these environments. Basic use of digital audio/video capture and editing will be covered.

Introduction to Mass Communication (WCC Dual Credit)

Introduction to Mass Communications surveys the nature and impact of media on contemporary society. Areas of emphasis include: mass communication theory and research, ethics and social responsibilities, historical development, communication technologies, business practices, and media regulation and control.

Mustang Orientation

This class is a requirement for all incoming freshmen. The semester-long class will cover topics including: YCHS expectations, study skills, researching and writing papers, time management, navigating Google Docs, school email, and YCHS email.

Senior Seminar

This course provides seniors an opportunity to develop their required senior project. Instruction will focus on the design, planning, and creation of the senior project. Developing an essential question, applying technology, and organizing tasks necessary to successfully complete the project requirements will be emphasized.

Foreign Language

Spanish I

This course will introduce the fundamentals of speaking, listening, reading, and writing. Several aspects of Hispanic culture are studied and researched throughout the course.

Spanish II

Spanish II covers dialogues, grammar, and vocabulary building related to life, travel, sports, food and culture. The course will focus on improving reading, speaking, writing, and listening skills. Spanish I at YCHS or YCHS placement test is a prerequisite.

German I

German I is a broad based course designed to introduce the student to all aspects of foreign language study. Grammar, reading, writing, speaking, and listening skills are included. Some cultural information is provided and students will do research and presentations on various cultural topics. This is achieved by groups, partners, and individual practice. Emphasis is placed on conversation, vocabulary and correct usage of the language. Correct pronunciation and oral proficiency are primary goals. This requires a daily emphasis on listening and speaking. The classroom experience will provide an appreciation and development of cultural awareness through various readings, media resources, and authentic materials.

German II

In German II, continued emphasis is given to oral work. More time is spent in development of reading and writing skills. Students are encouraged to form their own dialogues based on new topics as they are presented. The classroom experience will provide a greater appreciation and further development of cultural awareness through various readings, media resources, and authentic materials.

German III

In the German III course, emphasis is given to the development of reading comprehension and cultural understanding with continued attention to conversational skills. Successful completion of terms 1 and 2 is required in order to continue with the German III program. To satisfy college requirements it is strongly recommended that students complete at least a three or four-year language sequence of the same language while in high school. College entrance and exit requirements vary. The prerequisite for German III is the successful completion of German II.

Math

Pre-Algebra

Pre-Algebra is designed to emphasize the continued study of integers, order of operations, variables, expressions, and equations. Students will solve and graph equations and inequalities, write and solve proportions, and explore geometry, statistics, and graph concepts. Problem solving will be emphasized throughout the course.

Algebra

Algebra provides development of algebraic skills and concepts necessary for students to succeed in advanced courses; there will be a noticeable overlap with other math and science courses, with an emphasis on problem solving skills. Topics include: operations with real numbers, linear equations and inequalities, relations and functions, polynomials, algebraic fractions, and nonlinear equations.

Algebra II

This course is designed to build on algebraic and geometric concepts. It develops advanced algebra skills such as: systems of equations, advanced polynomials, imaginary and complex numbers, quadratics, and concepts and includes the study of trigonometric functions. It also introduces matrices and their properties.

Geometry

Geometry is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. It also emphasizes writing proofs to solve (prove) properties of geometric figures. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed.

Trigonometry

Student will study relations, functions, graphs, trigonometry, polar coordinates, complex numbers, limits, and derivatives. The student will analyze and graph mathematical functions. There is an emphasis on verification of trigonometric identities using all of the basic trigonometric identities. Students will use graphing calculators in activities that are appropriate to the topics being studied.

Music

Music 101

This course is designed as a three-part hybrid course. Music history, theory, and ensemble will be three focus areas. Students will explore some of the most important and influential repertoires and genres of music. They will formulate a basic understanding of music theory by investigating song structure and basic scales. Students will also work toward: writing a production piece, working on a production piece (chorale piece, quartet, duet, etc.), and/or explore sounds through music experimentation.

Science

Study of Earth & Mankind

In this course students will study a mix of Anthropology and Geology. Students will gain knowledge of various Scientific Theories on the origin of the Earth and Man. The course will also include a Biblical Worldview of Creation and Man. Attention will be given to Charles Darwin's theories, Evolution theories, and the Biblical Account in Genesis.

Biology

This course presents an introduction to living organisms, how they function, and how they interact in the biosphere. Included are topics such as: Scientific Method, biochemistry, genetics, evolution, cells (structure, division, and energy usage), ecology and exploration of the various kingdoms (including some dissection).

Chemistry (WCC Dual Credit)

This introduction to the basic concepts of general chemistry includes basic atomic structure, chemical symbols, formulas and equations, chemical equation calculations, phases of matter, algebraic manipulations, molecular structure, solutions and solution chemistry. Students will also become acquainted with lab safety, various basic lab skills and techniques, some computer-assisted labs with their techniques and basic theory.

Introduction to Agriculture

This course provides an opportunity for students to learn how the agriculture industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics will be presented. Participation in FFA student organized activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

Animal Science

This course will provide the student with principles in Animal Science focusing on the areas of mammalian production, anatomy, physiology, reproduction, nutrition, respiration, and genetics. Frequent opportunities are also given to develop and apply rational and creative thinking processes of observing, comparing, organizing, relating, inferring, applying and communicating. Also, there is an emphasis on developing values, aspirations, and attitudes that promote the student's personal involvement with the scientific explorations and discoveries of the future. These hands-on science experiences are designed to enhance the student's understanding of agriculture, the environment, and society.

Social Studies

World Geography

World Geography is designed to provide students with a basic understanding of and interrelationship between physical and human geography. Course activities include note taking; map labeling, study, analysis, and interpretation; current event assignments; group and individual assignments; research; writing assignments; quizzes and tests.

U.S. History and Government

U.S. History will be taught in a chronological sequence, beginning with early European colonization, organization and formation of the government, and extending to present day events. Students will remain engaged through a variety of activities including text reading, map analysis, debate, inquiry, research, presentation, media, and current event discussion.

Constitutional Law

This course is a study of the United States Constitution. The civil rights and liberties established through the Constitution will be analyzed as the class engages in judicial review of landmark cases and the Bill of Rights.

Philosophy

Philosophy is an affection for wisdom. In this class we'll explore some of the most famous philosophers in world history, engaging their viewpoints and conclusions. The goal of this class is to familiarize each student to the fundamentals of reasoning skills and their consequent applications to humanity. In addition, ethics, the major branch of study attached to philosophy, will be explored. Each student will have an opportunity to give an oral defense of an ethical, moral construct, in which the skills in philosophy will be applied.

Psychology

This one semester course will introduce students to the study of human behavior. Topics of discussion will include the history of psychology, research methods, human development, psychological disorders, psychological therapies, and overall mental health.

Sociology

This one semester course allows students to explore human relationships in society. Sociology focuses on groups rather than individuals and discusses the profound influence group interactions have on the way people relate to one another. Topics of discussion will include culture, socialization, diversity, inequality, and poverty.

Sustainability: Creating Your Sustainable Future (WCC Dual Credit)

In this course, students think sustainably about the climate crisis, fuel, renewable energy, agriculture, conserving water, poverty and wealth. Students calculate carbon footprints and explore solutions for the future.

Physical Education, Health, & Sport

Performance Training (WCC Dual Credit)

This physical education class focuses on introducing students to various exercise and training methods to promote overall health and wellness. This course may be used once for a one credit hour dual credit option.

Advanced Performance Training (WCC Dual Credit)

This physical education class focuses on high-level sports specific training for students involved in interscholastic activities at YCHS. This course may be used once for a one credit hour dual credit option and is offered as part of the "Performance Hour."

Health and Wellness

Students will learn how their body functions and the importance of making wise decisions to protect their health and well-being. Students will learn to base their decisions on topics such as drugs, alcohol, relationships, diet, and exercise upon knowledge of current facts rather than upon hearsay from friends and media. Students will have the opportunity to be certified in CPR and AED through the American Heart Association in order to assist those in need.

Exercise and Sport Nutrition (WCC Dual Credit)

The essentials of human nutrition will be studied and the class will examine the metabolic and physiologic basis for macro-nutrient and micro-nutrient recommendations during training, competition/performance, and recovery. Other topics include: body composition and weight management, effect of eating disorders in athletes, and sport nutrition supplements.

Introduction to Coaching

This introduction to the major aspects of athletic coaching includes: developing a philosophy, different coaching and player personalities, motivation, discipline, communication, self-confidence, team cohesion, outside influences, leadership styles, and cultural diversity. Students in this course will have the opportunity to facilitate Saturday morning sports leagues.

Sport Management (WCC Dual Credit)

This course introduces the sport management profession. The primary focus is on the sport industry, including business and marketing techniques. Students will attain theoretical knowledge and practical skills in preparation for various careers in sport.

Dual Credit Courses	Semester Hours
Advanced Performance Training	1
American Court System	3
Chemistry	3
Chemistry Lab	1
Exercise and Sport Nutrition	3
Introduction to Coaching	3
Introduction to Criminal Justice	3
Mass Communication	3
Performance Training	1
Speech Communication	3
Sport Management	3
Sustainability (online)	3