



# **Course Descriptions**

*2024—2025*

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## **GRADUATION-SPECIFIC COURSES**

CTE course descriptions and pathway information can be found on the CTE tab on the Counseling Webpage.

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## Please keep in mind...

- You must enroll in the required courses PLUS any courses you did not pass the year before.
- **YOU** must make sure you have the **prerequisite** before attempting to enroll in a class.
- Some courses require a separate application. This will be due on or before March 13.
- Courses listed in the enrollment booklet may not appear on the final SCHEDULE due to low requests for enrollment or other reasons the course could not be offered.
- **Seniors are scheduled first, then juniors, then sophomores, then freshmen and late enrollees last.**
- Each elective will require you to enter an alternate that you would substitute if your first choice will not work with your schedule. It will be a direct substitution unless it, too will not work. All alternates are considered as options in building your schedule.
- **Schedule change rules and directions for completing your FOUR-YEAR PLAN apply to BOTH primary and alternate courses.**
- **Honors, AP, and college credit courses that require SUMMER WORK will not be dropped because the summer work was not completed. Students are responsible for fulfilling the requirements for the course in which they enroll.**
- Unless designated, no course successfully completed is repeatable.

## Schedule Change Policy

In other words...if you **COMMIT** to the class and are **CAPABLE**, you are expected to **COMPLETE** the course.

A counselor can change your schedule if:

- You are not enrolled in a required class.
  - You enrolled in a class that is not repeatable and you already have credit.
  - You do not meet the prerequisites.
  - Your schedule is incomplete.
  - Your teacher recommends that you take a higher-level or lower-level class due to your academic skills.
- WHS has the right to adjust a student's hourly schedule based on school needs.

Other change requests require a parent letter to the principal stating the request and the reasons that these rules should be set aside for their child.

We put many resources into setting a schedule that meets student requirements and requests. Students are then accountable for the choices they have made.

# English – Language Arts

**Four credits are REQUIRED for graduation.**

## **01211/01212 ENGLISH 9 (1 credit)**

Freshman English students will be required to read and respond to *Romeo and Juliet*, *The Odyssey*, non-fiction selections, poetry, and the novels *Of Mice and Men* and *Tuesdays with Morrie*. Freshman will review simple sentences and punctuation, revision, editing, and drills of mechanics, usage and grammar. Writing projects will include paraphrase, summary, informative essays, research techniques, and journal writing. Vocabulary will focus on Latin and Greek root words, prefixes and suffix.

## **01221/01222 ENGLISH 10 (1 credit)**

Sophomore English students will be required to read and respond to short stories, essays, one or more plays, and two to three novels. Students will improve their writing skills through constant revision, editing, and drills of mechanics, usage, and grammar.

In grammar, they will focus on parallel structure, phrases, clauses, sentence patterns, run-on sentences, and sentence fragments. Writing may include a narrative paper, descriptive essay, journaling, and persuasive paper. Vocabulary will include Anglo-Saxon, Latin, and Greek roots, prefixes, and suffixes.

## **01231/01232 ENGLISH 11 (1 credit)**

Junior English students will be required to read and respond to literature of different genres, cultures, and time periods, including one or more novels, short stories and informational texts. Students will improve their writing skills through constant revision, editing, and drills of mechanics, usage and grammar.

## **01241/01242 ENGLISH 12 (1 credit)**

Students will be required to read and respond to English literature selections, write daily reflection journals, prepare a senior portfolio, write a series of reflection essays, and attend an interview. Additionally, this course will improve their writing skills through constant revision, editing, and drills of mechanics, usage, and grammar.

## **01251/01252 ADVANCED PLACEMENT LITERATURE AND COMPOSITION (1 credit)**

*Prerequisite: English 10.*

Students will study college-level materials in language, literature, and composition. The content of this course and examination will follow the guidelines of the College Entrance Examination Board and Advanced Placement program. A summer assignment is required for this class that includes a mandatory spring meeting to ensure understanding and expectations of the course.

Note: Upon completion of the course and passing the exam could earn students up to six hours of college credit and count as the fourth year of high school English credit.

## **01270 LITERATURE AND FILM (.5 credit)**

*Prerequisite: English 9*

These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on the theme of film and novels in a variety of genres, such as poetry, essay, biography, short story, drama, film, and so on. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre-oriented courses, and written compositions are often required.

## **01271 LITERATURE IN SPORTS (.5 credit)**

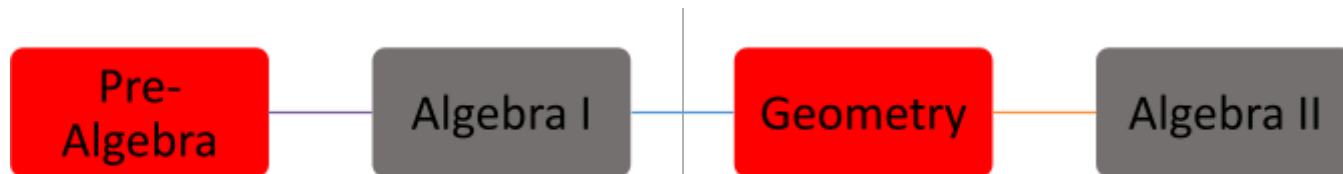
*Prerequisite: English 9*

These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on the theme of sports in a variety of genres, such as poetry, essay, biography, short story, drama, film, and so on. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre-oriented courses, and written compositions are often required.

# Math

**Three credits of MATH are REQUIRED for graduation.**

**Minimal College and Career Ready math skills include Algebra I and II plus Geometry.**



## **02101/02102 PRE-ALGEBRA**

### **Grade levels 9-10 (1 credit)**

Pre-Algebra courses increase students' foundational mathematics skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

## **02111/02112 ALGEBRA I**

### **Grade levels 9-10 (1 credit)**

Algebra I is an essential course for future High School and College Mathematics and is designed to introduce key concepts and math reasoning processes involved in many aspects of life. Skills taught will include (but not limited to) number systems; interpreting and writing expressions in Algebraic form; solving one and two-variable systems of equations; rearranging formulae; factorization of functions; understanding concepts of inequality, both algebraically and graphically; applying proportionality and using simple statistics and probabilities.

## **02421/02422 GEOMETRY**

### **Grade levels 9-12 (1 credit)**

#### **Prerequisite: Algebra 1**

Geometry is a form of mathematics which is more concerned with why a statement is true, rather than just answering algebraic or numeric questions. Geometry will include (but not limited to) proofs from first principals that require logical thinking and analysis; concepts of angular measures and congruence; similarity and applications of proportionality;

understanding of two- or three-dimensional figures; points, lines and planes; polygons, prisms, cones, pyramids, circles and spheres; and calculation of lateral and surface areas and volumes of various objects. This course finds application in all further High School and College Mathematics courses.

## **02121/02122 ALGEBRA II Grade levels 10-12 (1 credit)**

#### **Prerequisite: Geometry**

Algebra 2 solidifies and develops topics from previous math courses. Topics include (but are not limited to) direct and inverse variation; linear, quadratic, exponential, logarithmic and trigonometric functions; matrices and their applications; complex numbers and in-depth investigation of polynomial functions. This course exposes students to a higher level of mathematical rigor necessary for further High School and College mathematics courses.

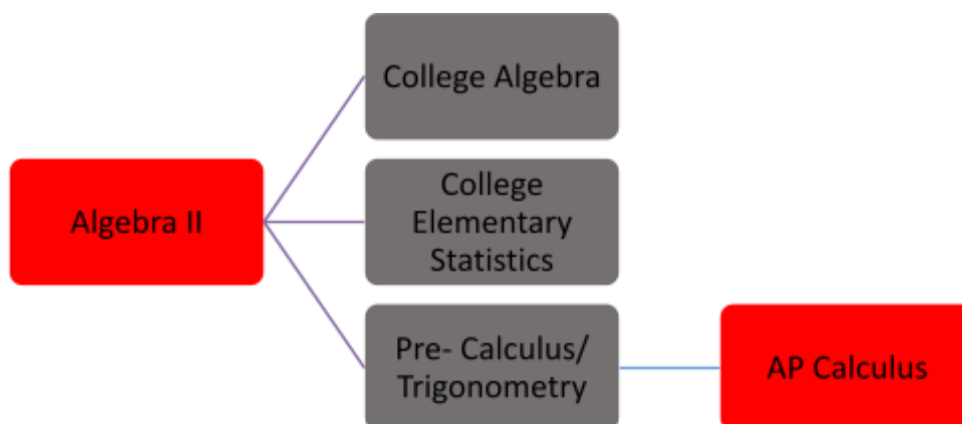
## **02181/02182 TECHNICAL MATH (1 credit)**

Technical Mathematics courses extend students' proficiency in mathematics, and often apply these skills to technical and/or industrial situations and problems. Technical Mathematics topics may include but are not limited to rational numbers; systems of measurements; tolerances; numerical languages; geometry; algebra; statistics; and using tables, graphs, charts, and other data displays. Technology is integrated as appropriate.

## **02191/02192 CONSUMER MATH (1 credit)**

### **Grade levels 11-12**

Consumer Mathematics courses reinforce general mathematics topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.



**Upon completion of Algebra II additional math preparation and college credit is available.**

**If you are pursuing a technical college, two-year college, or university, make sure you know the math preparation or requirements for your program.**

### **02162 PRE-CALCULUS**

**Grade levels 11-12 (.5 Credit) Fall Semester Only**

*Prerequisite: Algebra II*

An array of tools for analyzing functions and their graphs are developed and then applied to the following function families: linear, quadratic, polynomial, rational, exponential, and logarithmic. These techniques will be further developed and applied to trigonometric functions in Spring Semester's Trigonometry.

### **02161 TRIGONOMETRY**

**Grade Levels 11-12 (.5 Credit) Spring Semester Only**

*Prerequisite: Pre-Calculus or College Algebra*

A comprehensive study in trigonometry that begins by unifying unit circle and right triangle definitions of trigonometric functions. Using these geometric definitions, trigonometric functions are evaluated, graphed, and their properties are explored. An analytical approach is then used to simplify expressions, prove identities, and solve trigonometric equations of varying complexity. Finally, trigonometry is applied to non-right triangles, complex numbers, and vectors.

### **02153/02154 AP CALCULUS AB**

**Grade levels 11-12 (1 credit)**

*Prerequisites: Pre-Calc/Trig or College Algebra*

AP Calculus AB is roughly equivalent to a first semester college calculus course. The concept of limits, fundamental to developing differential and integral calculus, is introduced and explored graphically and analytically. The derivative is then defined and techniques are developed for its application to a wide range of problems. Finally, the integral is defined, related to the derivative in the Fundamental Theorem of Calculus, and applied to problems in various contexts.

Access to a graphing calculator at home is required to complete homework. The AP Calculus AB test is a 3 hour 15-minute exam given in May.

### **MTH 4420 COLLEGE ALGEBRA**

**Grade levels 11-12 (.5 high school credit; 3 hours college credit)**

*Prerequisites: Students must meet qualifying math assessments to enroll in this class.*

This course is designed to equip both calculus and non-calculus bound students with a basic knowledge of how to apply the classical functions of College Algebra to real life problems. This class is a dual credit course; students will have to pay Cowley County Community College tuition and fees. Students need to obtain a TI84 Graphing Calculator for this course.

### **MTH 4423 COLLEGE ELEMENTARY STATISTICS**

**Grade levels 11-12 (.5 high school credit; 3 hours college credit)**

*Prerequisites: Students must complete College Algebra with a grade of "C" or better to enroll in this class*

The purpose of this class is to introduce students to the fundamentals of analyzing statistical data from diverse areas of interest. Students who successfully complete this course should be able to interpret sets of statistical data and understand the interpretations made by others. This class is a dual credit course; students will have to pay Cowley County Community College tuition and fees. Students need to obtain a TI84 Graphing Calculator for this course.

# Science

**Three credits of SCIENCE are REQUIRED for graduation.**

**Minimal College and Career Ready science skills include Physical Science and Biology.**

## **04811/04812 BIOLOGY**

### **Grade levels 9, 10 (1 credit)**

Biology is a branch of science that deals with the study of life. Students will study a wide variety of living organisms including organisms from all kingdoms. Projects, lessons, and experiments are planned to help students gain an appreciation for the complexity of our environment. There will be work in areas such as heredity, classification, evolution, microbiology, physiology, anatomy, and ecology. Students will learn proper techniques for use of microscopes. All students will participate in dissection labs. (Frogs are the most commonly used dissection specimen.)

## **04851/04852 PHYSICAL SCIENCE**

### **Grade levels 9-12 (1 credit)**

This course introduces the basic principles of chemistry and physics to the student. This is a laboratory class dealing with the scientific investigation of objects and phenomena in our physical environment. Students will study aspects of the environment such as energy, motion & force, machines, electricity, physical and chemical changes, and atomic structure. The student will develop an understanding of the interrelated nature between energy and matter and the physical laws that govern their behavior. This course is an introduction and preparation for Physics and Chemistry.

## **04841/04842 EARTH SCIENCE**

### **Grade levels 10, 11, 12 (1 credit)**

Earth Science is the study of our natural physical environment. The class will include studies in the area of geology, astronomy, and meteorology. Specific topics covered will include: plate tectonics, natural resources, rock and mineral formation, the geologic record, including fossils and past life, volcanoes, earthquakes, river formation, glaciers, erosion, the solar system, galaxies, the universe, star formation, identification of star constellations, Earth's atmosphere, weather, cloud types, weather maps, ocean currents, and climate. The course will include labs in various subject areas.

Students with interests in careers in any area of science, as well as students with casual interests in outdoor hobbies and activities will find the class useful.

## **04891/04892 ECOLOGY**

### **Grade levels 10 (with instructor approval only), 11, 12 (1 credit)**

#### **Prerequisite: Biology**

Students will develop an understanding and appreciation of the basic principles of the relationships between living and nonliving parts of their environment. Units of study will include all levels of ecological organization, current research on environmental and conservation issues including the impact of humans on the environment. Students will have the opportunity to review current literature focused on ecological research. Students will study animals and plants found in various biomes, with emphasis on identification of species found in South Central Kansas. Instructional methods will include lecture, class discussion, lab activities, field identification, assigned reading, individual and group projects.

## **04821/04822 ZOOLOGY**

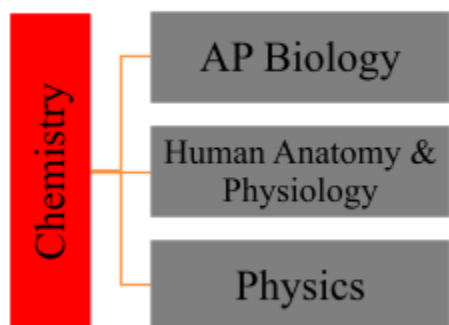
### **Grade levels 11-12 (1 credit)**

#### **Prerequisite: Biology**

This course provides a perspective of the animal kingdom by investigating the various groups of animals in zoology using systematic zoology. It is designed for students who are planning to pursue a major in biology or who are interested in pursuing their knowledge of structure, habits, and taxonomy of the animal kingdom.



# Science



Upon completion of biology, for those pursuing a college or university, chemistry is the “gate keeper” for other chemistry-based courses and physics.

## **04861/04862 CHEMISTRY**

**Grade levels 10, 11, 12 (1 credit)**

**Prerequisite: Algebra I**

The fundamental principles and concepts of inorganic chemistry are studied including atomic theory and structure, chemical equations and their quantitative applications, solutions and their preparations, the study of the gas laws, and basic inorganic chemistry concepts. Lab work includes both qualitative and quantitative analysis.

## **04831/04832 HUMAN ANATOMY & PHYSIOLOGY I & II**

**Grade levels 11, 12 (1 credit)**

**Prerequisites: Biology and Chemistry [highly recommended]**

This course is for students who have a sincere interest in understanding the complex workings of the human body. Human Anatomy and Physiology is a fast paced and detailed study of the structures and functions of the human body. In this course, principles of anatomy and physiology are introduced and concepts in biochemistry, cytology, and histology are studied and applied to systems of the body. This course will be especially helpful to students planning post-secondary work toward careers related to science and health.

## **04881/04882 PHYSICS**

**Grade levels 11, 12 (1 credit)**

**Prerequisite: Algebra II, with a C or higher**

**Trigonometry highly recommended**

Physics is the study of the physical world. The course goal is to use basic concepts, equations and assumptions to describe the physical world and make predictions regarding different phenomena. Studies will focus on mechanics, sound, light, and wave phenomena. Mathematics is used throughout the course and homework study is essential to successful understanding. Laboratory work is used to help understand the basic physics concepts.

## **04813/04814 AP BIOLOGY**

**Grade levels 11 and 12 (1 credit)**

**Prerequisite: Biology and Chemistry with a recommended grade of B or above or instructor permission.**

AP Biology is an introductory, college-level biology course. Students expand their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, studying the interactions with the living and nonliving components of the environment.



# Social Sciences

Three credits of SOCIAL STUDIES are REQUIRED for graduation.



## 03321/03322 WORLD HISTORY

Grade level 9

(1 required credit)

This class, which is required for freshmen, is a general course covering man's achievement from 1400 to modern times. All significant steps in the improvement of civilizations are covered in the scope of this course.

## 03341/03342 US History I

Grade level 10

(1 required credit)

This course starts with Industrialism and immigration of the 1890's through World War II. This is a required class for sophomores.

## 03351/03352 US History II

Grade level 11

(1 required credit)

This course starts after World War II through the Cold War and on to the present. This is a required class for juniors.

## 03340 US GOVERNMENT

Grade level 12 only

(.5 required credit)

This class is an attempt to help the student to know and understand the American system of government with its three branches of government. It is designed to show the fundamental workings of our governmental system, to create a foundation for further study and help in day to day living with our rights and responsibilities. Current events involving the Bill of Rights are stressed to relate the facts with actual happenings. This required class is offered to seniors.

OR

## 03347/03348 AP UNITED STATES GOVERNMENT AND POLITICS

Grade level 12 only

(1 required credit)

This is a college level course offered to students who wish to be academically challenged and plan to take the AP exam in the spring. It is a survey course that provides an introduction into the operation of American national government. As such, we will examine: The American system of government and its origins; political opinions, interests, and behaviors. Students must be enrolled both semesters

Must have teacher approval to enroll. Note: Each college determines if it grants AP credit and what score is needed to receive credit. Student should talk to the colleges of their choice.

# Social Science Electives

## **08111/08112 LEADERSHIP**

**Grade levels 10-12**

**(1 elective credit)**

Students in Leadership class must complete an application and be accepted. Students will complete coursework and develop their leadership skills as they are engaged in opportunities in school and the community. Link to application: [LEADERSHIP APPLICATION](#)

## **03300 CURRENT EVENTS**

**Grade levels 9-12**

**(.5 elective credit)**

In this class students will explore current news. They will use the daily newspapers from local, state, national, and world sources, as well as television and internet news sources. Students will respond to media sources by discussing and writing.

## **03370 SOCIOLOGY**

**Grade levels 9-12**

**(.5 elective credit)**

Sociology is the study of institutions of society. Five institutions—family, religion, economics, government and education -- will be examined in order to determine the impact which they have upon creating, molding, and perpetuating group behavior in United States society. Particular attention will be given to characteristics of student group behavior.

## **03310 WORLD GEOGRAPHY**

**Grade levels 9-12**

**(.5 elective credit)**

This course is the study of how Geographers look at the world, all the earth's major systems with the basic study about geographic fundamentals. Students will then apply the fundamentals to several projects throughout the semester.

## **01000 CIVICS**

**Grade levels 9-12**

**(.5 credit elective credit)**

Civics courses examine the general structure and functions of U.S. systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. These courses do not typically delve to the same degree of detail into constitutional principles or the role of political parties and interest groups as do comprehensive courses in U.S. Government.

# Physical Education

## **06001/06002 PHYSICAL EDUCATION/WELLNESS (Boys) Grade level 9 (1 credit)**

## **06051/06052 PHYSICAL EDUCATION/WELLNESS (Girls) Grade level 9 (1 credit)**

The 9th grade curriculum will have an emphasis on providing adolescents with knowledge and skills needed to engage in a physically active, healthy lifestyle throughout life. The 9th grade curriculum will follow the Kansas Adolescent Physical and Health/ Fitness Project (Physical Dimensions). Human health is to be taught as part of the framework of this course. Health Education is a year course in which students will have the opportunity to develop an understanding of how their bodies normally function. Instruction will focus on exploring the structure-order-function-relation of human systems. Students will be provided information, which will promote positive decisions affecting their physical well-being. Topics will include chemical substances, nutrition, conflict resolution/problem solving skills, media influences, and unintended pregnancies, behaviors that may result in intentional injuries (violence and suicide) and unintentional injuries (motor vehicle crashes), sexually transmitted diseases (STD's) and other current issues of concern.

## **06041/06042 WEIGHTS/WELLNESS (Boys) Grade level 9 (1 credit)**

## **06051/06052 WEIGHTS/WELLNESS (Girls) Grade level 9 (1 credit)**

This freshmen PE class will be a combination of weight lifting and wellness. Fundamental lifting techniques will be reinforced and stressed for each lift and more advanced lifts taught. The health curriculum from above will also be followed.

## **06031/06032 Weights (both males and females)**

## **06801/06802 Weights-GIRLS (females only) Grade level 10-12 (1 credit)**

A class for the athletically inclined students, which will focus entirely on preparation for athletic improvement both during the season and the off-season. Fundamental techniques will be reinforced and stressed for each lift and more advanced lifts taught. Students will follow an advanced training program and track their progress throughout the semester. Dressing out daily and full participation will be required for mastery of objectives. As in all other physical education classes, tests will be given

## **06023/06024 STRENGTH AND CONDITIONING Grade level 10-12 (.5 credit)**

Prerequisite: Pass Physical Education/Wellness

This class is double blocked with the Agility class.

Students will be required to be enrolled in both courses. A class for the athletically inclined students, which will focus entirely on preparation for athletic improvement both during the season and the off-season. Fundamental techniques will be reinforced and stressed for each lift and more advanced lifts taught. Students will follow an advanced training program and track their progress throughout the semester. Dressing out daily and full participation will be required for mastery of objectives. As in all other physical education classes, tests will be given

## **06021/06022 AGILITY**

### **Grade level 10-12 (.5 credit)**

Prerequisite: Pass Physical Education/Wellness

This class is double blocked with Strength &

Conditioning class. Students will be required to be enrolled in both courses.

A class focusing on the fundamentals of weightlifting and conditioning. This fitness course is an elective class designed to provide students with increased cardiovascular endurance, muscular strength and endurance, and mobility. The emphasis is to develop a fitness program to meet those needs. Students are expected to be self-motivated and willing to work at a high level of intensity. Class activities include some weight-training interval training, jogging, flexibility drills and a variety of sport-related exercises/or games.

## **06011/06012 LIFETIME SPORTS**

### **Grade level 10-12 (1 credit)**

The emphasis of this class will be participation in group and lifetime activities. Activities will include most traditional team/individual sports. Before each class, warm-ups specific to each sport will be taught. Each student will be evaluated on participation, attitude, skill test and/or written tests. As in all other physical education classes, tests may be given. The teaching staff is looking forward to: teach new skills and engage them in challenging games and activities. We are committed to helping every student achieve success.

# Business / Computer

## **03360 BUSINESS ECONOMICS**

### **Grade levels 9-12 (.5 credit)**

Business Economics course integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law, and risk).

## **05090 BUSINESS COMMUNICATIONS**

### **Grade levels 9-12 (.5 credit)**

This course will help to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communication non-verbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications.

## **05001/05002 ACCOUNTING A & B**

### **Grade levels 10-12 (1 credit)**

Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students learn how to apply standard auditing principles and to prepare budgets and financial reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process

## **05213/05214 PRINCIPLES OF MARKETING**

### **Grade levels 10-12 (1 credit)**

Principles of Marketing course offers students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably as general marketing principles such as purchasing, distribution, and sales are covered; however, a major emphasis is often placed on kinds of markets; market identification; product planning, packaging, and pricing; and business management. (Aligned directly with MBA Research's Marketing Principles course profile.)

## **08091/08092 ENTREPRENEURSHIP**

### **Grade levels 11-12 (.5 credit)**

Strong attendance record required. Youth Entrepreneurs® is an engaging elective course and alumni program that prepares students for success in the workplace and in life. Students will be operating their own pop-up business with the opportunity to earn a profit, as well as developing a business idea, plan, and pitch.

Entrepreneurship acquaints students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

## **05095 BUSINESS MANAGEMENT**

### **Grade levels 11-12 (.5 credit)**

This course acquaints students with management opportunities and effective human relations. This course provides students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course emphasizes problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

## **05011/05012 APPLIED BUSINESS DEVELOPMENT**

### **Grade levels 12 (1 credit)**

In this capstone course, Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. This course includes classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing a business.

**05023/05024 COMPUTER APPLICATIONS A & B****Grade levels 9-12 (1 credit)**

This course is designed to develop students' computer literacy. The student will learn from hands-on experiences basic skills in word processing, spreadsheets, and graphical presentations using Microsoft Office.

**05041/05042 WEB PAGE DESIGN****Grade levels 11-12 (1 credit)**

Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, and Document Object Model—to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking.

**07991/07992 MEDIA TECHNOLOGY -  
WORKPLACE EXPERIENCE (1 credit)****Grade levels 11-12**

*Prerequisite:* **Student must have completed one credit of technical level coursework and have instructor approval.**

MT-WE provides a career-building, college preparing experience through project-based learning. The course provides students with work experience in fields related to media technology. Students will use skills acquired from intro and technical level classes in authentic work for clients. Also, students will work in the school-based business of printing, vinyl cutting, and web-design. Certification in Adobe Photoshop, Illustrator, or Dreamweaver will be available in class.

**07993/07994 PARTICULAR TOPICS IN MEDIA  
TECHNOLOGY Grade levels 12 (1 credit)**

*Prerequisite:* **Student must have completed one credit of technical level coursework and have instructor approval.**

Particular Topics provides a career-building, college preparing experience through project-based learning. The course provides students with work experience in fields related to media technology. It serves as an application class for the Web & Digital Communications pathway. Students will use skills acquired from intro and technical level classes in authentic work for clients.

# Instrumental Music

***A minimum of ONE FINE ART (1 credit) is REQUIRED for graduation.***

***More FINE ART options found in the Art courses.***

## **07911/07912 BAND**

**Grade levels 9-12**

**(1 credit)**

Open to any student who plays a traditional band instrument. The band will march the first nine weeks at home football games, parades, and other school and community functions. The second nine weeks includes pep band, drumline, and concert band. Third term will focus on pep band and chamber ensembles. The rest of the year will be devoted to concert band. Attendance at performances is required.

## **07901-07902 JAZZ BAND**

**Grade levels 9-12**

**(1 credit)**

Students are required to audition privately each year and are selected by the teacher. Students will be expected to understand basic music theory, read literature in various languages, play jazz repertoire, and learn elements of instrumental improvisation. Students must also be enrolled in band.

Performers will need to select from Saxophone, Trombone, Trumpet, Piano, Guitar or Bass, and Percussion.

# Vocal Music

## **07931/07932 CONCERT CHOIR**

**Grade levels 9-12**

**(1 credit)**

Concert Choir will explore various musical genres ranging from classical to pop contemporary music. Extracurricular performances and dress rehearsals are required. Concert Choir will perform at concerts and other events throughout the school year.

## **07941/07942 CRUSADER SINGERS**

**Grade levels 9-12**

**(1 credit)**

***Prerequisite: Must also be enrolled in Concert Choir***

Crusader Singers are required to audition privately each year and are selected by the teacher. Students will be expected to understand basic music theory, read literature in various languages, sing various types of repertoire, and learn elements of dance in show choir pieces. This is a class not only based on skill, but character as well. Members must display a level of leadership and representation of the school that includes honesty, integrity, compassion, and understanding to others. Any action that does not display this leadership will cause a member to be dismissed from Crusader Singers. Participants will be expected to purchase their own performance attire-cost to be determined at a later date. Crusader Singers will sing at various events and performances throughout the school year.

## **07971/07972 CRUSADER SHOWCHOIR**

**Grade level 10-12**

**(1 credit)**

Students will learn a variety of songs throughout the year with the element of dance. This group will be able to go out and perform at many events in the community and other places as well throughout the school year. This is an auditioned choir that does require commitment for a whole year. All rehearsals are mandatory as well as performances. Attire will be purchased on the student's own dime and will be selected at a later date.

# Art

## **07620 INTRO TO CERAMICS**

### **Grade levels 9-12 (.5 credit)**

Students enrolled in Ceramics I will experiment with hand-built ceramics. Students will learn the pottery techniques of pinch, coil, slab, and wheel throwing as well as glazing and finishing.

## **07630 ADVANCED CERAMICS**

### **Grade levels 9-12 (.5 credit)**

Advanced Ceramics is a continuation of Intro to Ceramics. More complex assignments with an emphasis on the quality of workmanship will be expected.

## **07600 INTRO TO DRAWING & DESIGN**

### **Grade levels 9-12 (.5 credit)**

Intro to Drawing emphasizes the development of fundamental drawing skills. Focus will be on the application of art theory, processes and techniques that increase the power of observation. Instruction includes the elements and principles of design as applied in composition through hard copy and/or electronic software.

## **07711 PRINCIPLES OF ILLUSTRATION**

### **Grade levels 9-12 (.5 credit)**

Principles of Illustration explores a variety of media, tools, and supports as a means to communicate ideas. Topics include an understanding of illustration as applicable to careers in graphic design, animation, apparel/textile design, web design, architecture, interior design, and fine arts. Techniques in traditional and digital illustration applications will be explored as directly linked to ever-changing trends.

## **07691 INTRO TO JEWELRY**

### **Grade levels 9-12 (.5 credit)**

A comprehensive study of jewelry fabrication using copper, brass and silver.

## **07692 ADVANCED JEWELRY**

### **Grade levels 9-12 (.5 credit)**

A continuing study of the jewelry making processes.

## **07730 SCREENPRINTING**

### **Grade levels 9-12 (.5 credit)**

A study of Screen-printing includes printing on paper, cloth and other substrates. Computer programs will be implemented in designing projects.

## **07800 PHOTO IMAGING**

### **Grade levels 9-12 (.5 credit)**

*Having taken Computer Apps preferred*

Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit, and manipulate digital images.

## **07681/07682 INDEPENDENT ART STUDY**

### **(1 credit)**

**Prerequisite: Art II, Adv. Jewelry, or Adv. Ceramics with a C or better. Must have instructor's written approval.**

Students must have written approval from the instructor. The course requirements will be developed on an individual basis with an emphasis on personal growth and understanding. In addition to completing required assignments, the student will be challenged to develop and execute their own projects that push the limits of their creativity and self-expression.

## **07601/07602 ART I (1 credit)**

### **Grade levels 9-12**

Drawing/Painting courses cover the same topics as Creative Art—Comprehensive courses, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

## **07611/07612--Art II (1 credit)**

### **Grade levels 10-12**

Art II provides students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although creative art courses focus on creation, they may also include the study of major artists, art movements, and styles.



**07700 GRAPHIC DESIGN FUNDAMENTALS  
(.5 fine arts credit)**

Graphic Design Fundamentals provides a basic understanding of the graphic design process. Topics include analyzing the design elements and principles, exploring industry tools, software and equipment and learning composition techniques to develop a quality product.

**07701/07702 GRAPHIC DESIGN  
Grades 10-12 (1 fine arts credit)**

Graphic Design courses emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.

**07693/07694 COMPUTER GRAPHICS  
Grades 10-12 (1 fine arts credit)**

Computer Graphics courses provide students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Typical course topics include modeling, simulation, animation, and image retouching.

# Foreign Language

## **07211/07212 SPANISH I**

**Grade levels 9-12 (1 credit)**

***Prerequisite: Successful completion of prior English classes or approval of the Spanish Instructor***

The coursework in Spanish I focuses on providing a strong foundation for grammar, cultural perspectives, pronunciation, and vocabulary relating to everyday issues and interactions. By utilizing the 5 C's, communications, cultures, connections, comparisons, and communities, students will exit Spanish I with the ability to communicate with a native speaker in a basic setting and will have a strong groundwork for furthering the student's pursuit of Spanish.

## **07221/07222 SPANISH II**

**Grade levels 10-12 (1 credit)**

***Prerequisite: Successful completion of Spanish I not lower than a C or the approval of the instructor.***

Spanish II picks up where Spanish I leaves off by exploring the concepts of advanced grammar and vocabulary, culture and arts, and the awareness of local Spanish speaking communities in the United States.

Upon exiting Spanish II, the student be able to converse with a native speaker in the present tense and will have an introduction to speaking in the past tense.

## **07231/07232 SPANISH III Grade levels 11-12**

**(1 credit, can be taken as a dual credit)**

***Prerequisite: Successful completion of Spanish II not lower than a B AND approval of the instructor.***

This level is for reviewing and broadening the study of grammar and language structure. While the emphasis is on Spanish language acquisition for oral proficiency, students will also delve into the literature of the Spanish speaking world. Upon completion students will find themselves at a great advantage when entering the workplace or University environment. Students will be able to speak in the present and past tenses.

## **07241/07242 SPANISH IV Grade level 12**

***Prerequisite: Successful completion of Spanish III not lower than a B AND approval of the instructor.***

This level of Spanish focuses on improving fluency, with a review of several key grammatical structures, and introduction to new vocabulary and grammar concepts to further increase students' language proficiency. In addition to the emphasis on spoken Spanish, students will review literature and movies to improve reading and listening comprehension as well as cultural awareness

# Communications

## **01060 DEBATE**

### **(.5 fine arts credit) Fall Semester Only**

*Prerequisite:* Must be academically eligible to participate in KSHSAA activities.

This course will provide students with an introduction to competitive debate using the current year's debate resolution. The class will emphasize debate theory, research techniques, speaking skills, case construction, high level comprehensive

Reading, analysis of information and argument refutation. Debaters will be provided with extensive opportunities to refine their debate skills through practice debates and speeches, as well as the competitive experience of interscholastic

Tournaments. Tournament participation on Saturdays is required to pass this course. This course may be repeated for elective credit.

## **05058/05059 DIGITAL MEDIA APPLICATIONS**

### **(1 elective credit)**

The Digital Media Design & Production course includes a variety of projects utilizing skills taught in technical level courses in the Arts, AV & Communications Career Cluster. Projects may include production of a school video news program.

## **01041/01042 YEARBOOK**

### **Grade level 10-12 (1 elective credit)**

*Prerequisite:* Students must have earned at least a B in their previous English and/or Yearbook class.

Students enrolled in Yearbook are responsible for the production of the school's yearbook, The Crusader. Students will be instructed on the use of desktop publishing software for page layouts, the parts and nomenclature of yearbooks, and digital photography and editing. Enrollees will develop skills in layout design, writing, and photography. They will sell advertising, take digital photographs, conduct interviews, attend school sporting events to take photos, work as a team player and meet deadlines.

## **01030 COMPETITIVE SPEECH AND DRAMA--FORENSICS**

### **(.5 fine arts credit) Spring Semester Only**

*Prerequisite:* Must be academically eligible to participate in KSHSAA activities.

Competitive Speech and Drama, also known as Forensics, is a fun, competitive, performance-based class offered during the Spring semester each year. This class is designed to prepare motivated students for speech competition in two or more of the following areas:

Students will be expected to work outside of class and travel with the squad to weekend and weekday tournaments. Students may earn individual medals, trophies for their school, lifetime friendships, and the opportunity to learn valuable life skills in communication, organization, teamwork, and self-discipline. Participation is required to pass this class. This is a Fine Arts credit. This course may be repeated for elective credit.

## **05600 AUDIO VIDEO PRODUCTION FUNDAMENTALS**

### **Grade level 10-12 (.5 credit) Fall Semester**

Audio Video Production Fundamentals provides a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production, production, and post-production process, as well as exploring the equipment and techniques used to develop a quality video production.

## **05072 SPORTS & ENTERTAINMENT MARKETING**

### **Grade levels 10-12 (.5 credit) Spring Semester**

Sports & Entertainment Marketing introduces students to and helps them refine marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, and the sales or rental of supplies and equipment.

## COMMONLY TAKEN DUAL CREDIT CLASSES

These classes are often taken as dual credit classes from Cowley County Community College, meaning you get both high school credit and college credit. These classes do cost money, and students are financially responsible for the tuition, fees, and text book cost. There are several other classes that can be taken. For more information, check out the “Dual Credit” tab on the WHS Counseling webpage. Students must meet qualifying assessments to enroll in these classes. Some classes are online classes, so students must be self-motivated to keep up with the assignments and projects in these courses.

### **ENG 2211/2212 COLLEGE ENGLISH COMPOSITION I & II**

**Grade Level 12 (1 high school credit, 6 hours college credit) This will count as an English 12 credit for high school.**

*Prerequisite:* English 11 or AP Lit. Students must meet qualifying English and Reading assessment to enroll in this class.

This course is designed to improve the reading and writing skills of the student. Each essay written in the course should clearly communicate a central idea or framework, be formatted in MLA style, contain sufficient detail, reflect the voice of the writer, and use carefully edited standard written English. Critical analysis of professional essays may be used to aid in developing the student’s thinking, structure, focus, and style.

### **03335 COLLEGE UNITED STATES HISTORY TO 1877**

**Grade level 11 (.5 high school credit; 3 hours college credit) This will count as the first semester American History credit for high school.**

*Prerequisite:* Students must meet qualifying reading assessment to enroll in this class.

Development of the United States, 1492 to 1877, including English colonization, the American Revolution, formation of the Union, colonization of the West, development of sectionalism, the Civil War, and restoration of home rule in the South.

### **03336 COLLEGE UNITED STATES HISTORY SINCE 1865**

**Grade level 11 (.5 high school credit; 3 hours college credit) This will count as the second semester American History credit for high school.**

*Prerequisite:* Students must meet qualifying reading assessment to enroll in this class.

Study of the problems and issues involved in the growth and development of the United States since 1865. The Reconstruction period is treated as an introduction. This course will also cover industrial 2017-2018 Course Descriptions March 1, 2017 45 growths, the Progressive movement, the Roaring Twenties, Great Depression World War I, World War II and the Cold War.

### **03345 COLLEGE AMERICAN NATIONAL GOVERNMENT**

**Grade level 12 (.5 high school credit; 3 hours college credit) This will count as the government half credit for high school.**

*Prerequisite:* Students must meet qualifying reading assessment to enroll in this class.

A general study of the development, structure and functions of the American National Government. Topics to be studied include an introduction to government, principles of constitutionalism and federalism, political parties and political behavior, the Presidency, congress, the judiciary and the federal bureaucracy, of specific emphasis is an analysis of decision-making in government, public participation and influence in government as well as a study of specific problems concerning the operation of the federal government.

### **COM 2711 COLLEGE PUBLIC SPEAKING**

**Grade level 11-12 (.5 high school English credit, 3 hours college credit) This can count as an half credit of English or an elective.**

*Prerequisite:* Students must meet qualifying reading assessment to enroll in this class.

If college textbook is not purchased 4 days within the start of class student will be dropped from the course. Effective communication is essential to all types of human relationships. This course will emphasize speech organization, development of ideas, delivery, peer and audience analysis.

### **SOC 6711 COLLEGE GENERAL PSYCHOLOGY**

**Grade levels 10, 11 and 12 (.5 high school credit, 3 hours college credits) This can count as a social studies elective half credit.**

*Prerequisites:* Students must meet qualifying reading assessment to enroll in this class.

General Psychology is offered as an initial step in aiding each student to identify and become aware of variables that affect his/her own behavior and the behavior of others. The knowledge gained from General Psychology, when applied in individual lives, will allow the learner to become a more productive member of society. This course also will provide a broad foundation of fundamental principles for the learner to build upon through additional courses in the Psychology field. There will be a service-learning component within the course, which will require volunteer hours.

### **SOC 6811 COLLEGE PRINCIPLES OF SOCIOLOGY**

**Grade levels 10, 11 and 12 (.5 high school credit, 3 hours college credit) This can count as a social studies elective half credit.**

*Prerequisites:* Students must meet qualifying reading assessment to enroll in this class.

Sociology attempts to develop a sociological perspective in students to help them make more sense of their daily lives and be more useful and productive citizens. In addition, one study is concerned with social problems and issues with the focus on keys to alleviate social pressures. There will be a service-learning component within the course, which will require volunteer hours.