

Wright City High School Course Offerings

Please note class offerings are subject to change to meet the needs of students

**Indicates the course credit is weighted on a 5.0 scale*

Communication Arts

ENGLISH I - 1 Credit

PREREQUISITE: None

CONTENT: This course is required to meet graduation requirements. Curriculum serves as an introduction to high school communication arts and is required for graduation. It includes the study of grammar, writing skills, short stories, essays, reports, research papers, nonfiction and poetry.

ENGLISH II - 1 Credit

PREREQUISITE: English I (Typically taken at 10th grade or above)

CONTENT: This course is required to meet graduation requirements. Curriculum includes all aspects of communication arts - reading, writing, listening, and speaking. Writing is directly correlated to, or in response to, literature selections. Language skills such as grammar, usage, and mechanics are covered throughout the year in connection with student writing. At least one novel will be read each semester. *There will be an End of Course exam which is required for graduation.*

ENGLISH III - 1 Credit

PREREQUISITE: English II (Typically taken at 11th grade or above)

CONTENT: This course is required to meet graduation requirements. Curriculum provides instruction in composition, American Literature, vocabulary development, and grammar. Students will read and respond to notable authors from the early Colonial Period to the Modern Period while studying literary devices. Vocabulary enhancement will be a major focus, and grammar will be further developed through regular practice of revising and editing. Students will be expected to produce several literary analysis papers, blended writing pieces, and a persuasive research paper.

ENGLISH IV - 1 Credit

PREREQUISITES: English III (Typically taken at 12th grade)

CONTENT: English literature and composition will be studied through an emphasis on argument. A heavy emphasis on world literature and the writing process will be addressed. The structure of various essays will be covered. These include: writing to inform, writing to explain, writing to persuade, and writing to explore. A research paper and in-depth literary analysis will be required.

CREATIVE WRITING - 1/2 Credit

PREREQUISITES: English III (Typically taken at 12th grade)

CONTENT: This course is designed to allow students to explore and develop their creative writing skills and to provide an opportunity to publish their works. The students will study elements of short stories through the analysis of various short stories. Students will also work on poems and creative nonfiction materials. They will enhance their writing skills through these literary genres. They will analyze, compare, and contrast feature stories. Each unit will conclude with a portfolio showcasing their progress over the course of the unit (short story, poetry, and creative nonfiction).

TECHNICAL WRITING - 1/2 Credit

PREREQUISITES: English III (Typically taken at 12th grade)

CONTENT: This semester-long course will focus on all of the writing aspects you may encounter whether you are attending college or applying for a job in the real world. For those college-bound students, the course will focus on how to complete the application process, writing the ideal college essay, scholarship essay, and how to start your resume. For those who are looking at entering the workforce out of college, the course will focus on researching your ideal job, completing the application process, and starting your resume. All students will learn and practice interview skills. A final project will focus on your path and completing the appropriate documents to be Success Ready upon graduation.

INTRODUCTION TO SPEECH AND DRAMA - 1 Credit

PREREQUISITES: None

CONTENT: This class will give students an opportunity to learn about performance and public speaking in a variety of styles. From serious speeches to humorous performances, this class covers the basics and beyond.

*Subject to course availability.

SPEECH AND DRAMA- 1 Credit

PREREQUISITES: Introduction to Speech and Drama (Typically taken at 10th grade or above)

CONTENT: This class will build upon the foundation from Intro to Speech and Drama. Students will focus on a few specific styles instead of the broad variety in the Intro course. This class will improve on the basics and go into writing short performances. *Subject to course availability.

INTRODUCTION TO JOURNALISM - 1 Credit

PREREQUISITES: None

CONTENT: Introductory course to learn basic writing styles for newspapers and other publications. This course introduces students to journalistic writing styles and builds skills for those wishing to take Journalism and write for the school newspaper in future years. *Subject to course availability.

JOURNALISM - 1 Credit

PREREQUISITES: Introduction to Journalism

CONTENT: This course is an independent-style class that gives students the real-life setting of writing articles for the Wright City Connection.. Students will write various articles including editorials, movie reviews, sports articles, and peer articles. Students who take this course will be selected through an application process for the newspaper. Students must be able to write well, meet deadlines, and be responsible for equipment.

*Subject to course availability.

YEARBOOK - 1 Credit

PREREQUISITES: English II (Can be taken in 11th and 12th grade)

CONTENT: This course is an independent-style class that gives students the real-life setting of creating the school yearbook. Students will write various articles including editorials, movie reviews, sports articles, and peer articles. Students must be able to write well, meet deadlines, and be responsible for equipment. Students are tasked with taking pictures and designing the yearbook. *Subject to course availability.

COMMUNICATIONS - 1 credit

PREREQUISITES: YEARBOOK and/or JOURNALISM

CONTENT: This course is designed for the student who completed Yearbook or Journalism and would like to continue working on the school yearbook and school newspaper. Students will learn the higher operations of the production and distribution of newspapers and/or yearbooks.

Math

ALGEBRA I FUNDAMENTALS - 1 Credit

PREREQUISITE: None

CONTENT: This course is designed to provide additional preparation for students prior to taking Algebra I. The course emphasizes developing students' understanding of foundational math skills and comprehension of concepts such as integers, order of operations, algebraic expressions, solving one and multi step equations, and linear equations. This course will increase mathematical literacy and serve as a foundation for future mathematics classes.

ALGEBRA I - 1 Credit

PREREQUISITE: None

CONTENT: This course is required to meet graduation requirements. Curriculum extends upon previously acquired arithmetic skills from numbers to variables, fractional expressions, and polynomials. The first part of this course will cover solving equations and polynomials, and solving equations and applying them to word problems. The next half deals with multiplying monomials and polynomials, dividing these, and factoring these. Other topics include inequalities, graphing linear equations, radicals and quadratic equations. *There will be an End of Course exam which is required for graduation.*

GEOMETRY - 1 Credit

PREREQUISITE: Algebra I

CONTENT: This is a complete course in Geometry with a balance of theory and application. The course aims at a continuation of the student's mathematical maturity with an emphasis on proof. Concepts of space geometry and transformation are integrated in the course material. This course includes constructions, loci, coordinate geometry and the study of area and volume.

ALGEBRA II - 1 Credit

PREREQUISITES: Geometry

CONTENT: This course is intended to strengthen Algebra I skills and to develop the basic concepts of Algebra II. The course includes solving equations and inequalities in one or more variables, solving systems in two variables, linear and quadratic functions and their graphs, products and factors of polynomials, rational expressions, fractional exponents, radicals, and complex numbers. *There will be an End of Course exam which is required for graduation.*

ALGEBRA III - 1 Credit

PREREQUISITES: Algebra 2 with a "C" or higher or Teacher Recommendation

CONTENT: This course is intended to strengthen basic Algebra skills and to develop the concepts introduced in Algebra II. The course includes solving equations and inequalities in one or more variables, solving systems in two variables, linear and quadratic functions and their graphs, products and factors of polynomials, rational expressions, fractional exponents, radicals, complex numbers, sequences, matrices and set theory. A test will be given in the class to determine if the student is proficient enough to proceed to a College Algebra class offered as Dual Credit. Students enrolled in Algebra III will either continue in Algebra III for second semester, or be enrolled in College Algebra.

CAREER MATH- 1 Credit

PREREQUISITE: Geometry

CONTENT: This course is designed to help students develop and refine job related math skills. Content will include basic operations, ratio, percent, algebra and geometry concepts, probability, measurement, and other career and consumer math topics. Emphasis will be placed on the ability to apply functional mathematics to solve problems in the world of work.

COLLEGE ALGEBRA - 1/2 Credit*

PREREQUISITES: Algebra 2 and acceptance into an approved Dual Credit University College Algebra program. Must pass the placement test or have an ACT Math score of 22 (or higher).

CONTENT: This course is intended to strengthen the concepts introduced in Algebra II. The course includes solving equations and inequalities in one or more variables, solving systems in two variables, linear and quadratic functions and their graphs, products and factors of polynomials, rational expressions, fractional exponents, radicals, complex numbers, sequences, matrices and set theory.

PRECALCULUS/TRIGONOMETRY - 1 CreditPREREQUISITES: Algebra 2 with a "C" or higher **and** Teacher Recommendation OR Completion of Algebra III/College Algebra

CONTENT: Pre-calculus is a college-prep course designed to present a rigorous overview of major mathematical topics covered in Algebra II and Geometry and introductory calculus concepts. GRAPHING CALCULATOR is required.

COLLEGE CALCULUS - 1 Credit*

PREREQUISITES: Must have completed College Algebra & Trigonometry with "C"(or higher) OR have an ACT Math score of 27 (or higher)

CONTENT: This is a college level math class offered to give students a head start in college math. Calculus is the mathematics of motion and change known as the gateway to nearly all fields of higher mathematics. Students intending to major in engineering, computer science, medicine, or architecture should take this class. GRAPHING CALCULATOR is required.

Science

PHYSICAL SCIENCE - 1 Credit

PREREQUISITE: None

CONTENT: An introductory course designed to allow students to explore the basic concepts of physical science. Students will be introduced to the history and nature of science. The course includes an introduction to the fundamental concepts of physics, chemistry, astronomy and earth science. Students will be encouraged to explore the relationship between science and everyday life.

PLTW PRINCIPLES OF BIOMEDICAL SCIENCES (PBS) - 1 Credit*

PREREQUISITE: None, typically offered to Freshmen students based upon teacher recommendation.

CONTENT; The first course in the nationally recognized Project Lead the Way program investigates biomedical sciences through problem based learning and hands-on projects. In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems. College credit is available from Missouri S&T with an earned A or B in the course and a score of proficient or advanced on the End of Course exam.

BIOLOGY - 1 Credit

PREREQUISITE: Complete of Physical Science or PLTW Principles of Biomedical Sciences

CONTENT: This course is required to meet graduation requirements. Curriculum is an introduction to the study of living things and their interdependence with the environment. This course will emphasize the development of student's scientific process skills, laboratory techniques, and an understanding of the fundamental principles of living organisms. Students will explore biological science as a process, cell structure and function, genetics and heredity, evolution and classification, diversity of living organisms and their ecological roles, and an introduction to animal structure and function. *There will be an End of Course exam which is required for graduation.*

PLTW BIO-MED HUMAN BODY SYSTEMS- 1 Credit*

PREREQUISITES: Prerequisite- PLTW BioMed 1 OR completion in two science courses

CONTENT: Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Students interested in pursuing Health Occupations are highly suggested to take as a prerequisite. College credit is available from Missouri S&T with an earned A or B in the course and a score of proficient or advanced on the End of Course exam.

EARTH SCIENCE - 1 Credit

PREREQUISITES: Physical Science and Biology

CONTENT: This course is designed to assist students in developing a knowledge base for making informed decisions about scientific initiatives in the context of geological principles. Included in the units of the course are concepts related to rocks and minerals, natural resources and energy, plate tectonics, weathering and erosion, atmosphere, and astronomy. Students will use inquiry, discussion, and research to extend their knowledge and explore how these different topics affect their lives.

CHEMISTRY - 1 Credit

PREREQUISITES: Completion of 2 science classes and Algebra I

CONTENT: This course will emphasize the basic concepts of chemistry including scientific method, the atom and periodic table, chemical compounds, nuclear chemistry, moles, stoichiometry, reaction rates, gas laws, equilibrium, acids, bases and salts. Concepts will be examined and applied in a lab setting. Calculator required for the class.

History

WORLD HISTORY - 1 Credit

PREREQUISITE: None (Typically taken in 9th grade)

CONTENT: The course provides a balanced account of political, cultural, and social developments in western civilization. A chronological approach helps students understand the significance and meaning of events from the dawn of man to the twentieth century.

AMERICAN HISTORY - 1 Credit

PREREQUISITE: None (Typically taken in 10th grade)

CONTENT: This course is a chronological account of our country that covers the significant historical events from our nation's beginning through the twentieth century. Emphasis is placed on the cultural, economic, political, and cultural factors that have shaped our nation's history.

MISSOURI HISTORY - 1/2 Credit

CONTENT: Missouri History is a required semester course that examines the basic chronology of history in Missouri from early man to the present. Major emphasis will be placed on Missouri's role in the settlement of the west and the Civil War. Students will also examine the structure and functions of state government in Missouri. Students who pass the Missouri Constitution test during the course will fulfill a Missouri state requirement for high school graduation.

AP UNITED STATES GOVERNMENT AND POLITICS - 1 Credit*

PREREQUISITE: Junior or Senior level course (This course is required for graduation)

CONTENT: Students will develop an understanding of how government, politics, law, economics, and world affairs affect citizenship. Students will demonstrate an understanding of how each individual is an integral part of the community, state, nation, and world by their participation in readings, discussions, debates and simulation exercises. Students may elect to take the Advanced Placement exam for college credit. *There will be an End of Course exam and United States Constitution/Civics exam which are required for graduation.*

PSYCHOLOGY - 1/2 Credit

PREREQUISITE: Junior or Senior level course

CONTENT: This course provides a comprehensive examination of the basic concepts, principles, and methods central to the scientific study of psychology. Students will do work in the areas of personality, intelligence, learning, emotions, motivations and personality disturbances.

SOCIOLOGY - 1/2 Credit

PREREQUISITE: Junior or Senior level course

CONTENT: The course will emphasize culture, its values and norms, and also deviation from cultural norms. This course will also examine the social institutions in America. A study of social problems and what to do about them will be addressed.

PERSONAL FINANCE - 1/2 Credit

PREREQUISITE: Junior or Senior level course (Required for graduation)

CONTENT: The student will be introduced to the fundamentals of economics, how businesses and individuals make wise economic decisions and provide an overview of the economy as a whole. Throughout the semester, students will work towards the completion of the budget project. The project consists of various "real world" situations/decisions one will be faced with once entering college and/or the workforce.

CRIMINAL JUSTICE - 1/2 Credit

PREREQUISITE: 11th grade

CONTENT: This course is an introduction to Law Enforcement, Courts, and Corrections in the United States.. Students will understand the historical development of policing, criminal investigations, and apprehension of criminals at the federal, state, and local levels. Furthermore, the course will also discuss and explain the prosecution, disposition, and incarceration of those suspected of committing crimes.

Health

HEALTH - 1/2 Credit

PREREQUISITE: 10th grade or above

CONTENT: The primary objective of the course is the development of attitudes and knowledge which are conducive to maintaining and improving personal and community health and wellness. Topics include mental health and illness, drug and alcohol use and abuse, communicable and noncommunicable diseases, sexually transmitted diseases, major body systems, and accident prevention and safety.

Physical Education

P.E. - 1 Credit

PREREQUISITE: None

CONTENT: This course will include a variety of sport and fitness activities. Activities include softball, soccer, volleyball, basketball, team handball, Lacrosse, hockey, Frisbee sports, and weight training. A stretching and cardiovascular routine is incorporated daily.

POWER WALKING & AEROBICS. - 1 Credit

PREREQUISITE: None

CONTENT: This course is designed to address walking as a cardiovascular activity. Fitness walking is moving fast enough to raise your heart rate into its training zone. Students acquire the knowledge, skills, and attitude necessary for physical fitness through participation in a carefully monitored walking program. The class includes learning activities covering the five health related components of fitness: cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition. Weather permitting, students use outdoor fitness walking courses.

BODY CONDITIONING - 1 Credit

PREREQUISITE: P.E.

CONTENT: This course is designed to introduce and extend weight-lifting knowledge and techniques to fit individual needs. All aspects of muscle stretching, conditioning, toning and strength training will be incorporated along with cardiovascular conditioning.

A daily portfolio will be kept throughout the semester.

LIFETIME SPORTS - 1 Credit

PREREQUISITE: P.E.

CONTENT: This course is designed to introduce activities that an individual may participate in at any age. These activities include team and individual participation. Such activities will be golf, volleyball, slow pitch softball, table tennis, badminton, and shuffleboard.

TEAM SPORTS - 1 Credit

PREREQUISITE: P.E.

CONTENT: This course is designed to expand on basic knowledge of 9th grade sport activities. Students will develop, incorporate, and design strategies and theories into various activities. Students will also experience the officiating process.

Fine Arts

Visual Arts

ART I - 1 Credit

PREREQUISITE: None

CONTENT: Through projects, the student will learn to define, demonstrate and analyze the elements and principles of art. Each element will receive assigned projects and each project will address a different aspect of the element or principal.

ART II - 1 Credit

PREREQUISITE: Art I

CONTENT: This is a portfolio building class; students who take this class must be serious about art and wish to pursue it or the many incarnations in the future. Students will create art pieces for show purposes and we will cover Art Production and Aesthetics.

PAINTING - 1/2 Credit

PREREQUISITE: Art I

CONTENT: Painting is defined as drawing with pigmented color; it will cover watercolor, acrylic, and oil paintings. *Subject to course availability.

FIBERS - 1/2 Credit

PREREQUISITE: Art I

CONTENT: Fibers is a hands-on studio course that presents students with technical and historical concepts related to fiber and textile media. Fiber and textile processes may include: weaving, screen printing, paper marbling, basketry, tie dye, felting, embroidery, quilting, rug making, batik, and mixed media. Cultural, historic, and aesthetic aspects of these processes will be incorporated as fiber art is one of the oldest forms of art in history. Students will create works that are both decorative and utilitarian. *Subject to course availability.

DRAWING - 1/2 Credit

PREREQUISITE: Art I

CONTENT: Drawing I is a hands-on studio course designed to be an exploration of drawing techniques and concepts. It is also intended to develop expression and discipline in drawing. Students will learn basic techniques such as shading, controlling tones, composition, and drawing methods. Students will practice drawing anatomy as well as gesture drawing. Additionally, we learn how to see with an artist's eye and capture what we see on paper. *Subject to course availability.

SCULPTING - 1/2 Credit

PREREQUISITE: Art I

CONTENT: Sculpture is defined as any 3-D media; it will cover subtractive, additive, and found object sculpture. *Subject to course availability.

Performing Arts

CHOIR - 1 Credit

PREREQUISITE: none

CONTENT: A vocal performance ensemble. Enrollment is limited to accepted students. Emphasis will focus primarily on traditional choral literature, but will include selected popular music. Students will be required to participate in all public performances and encouraged to perform in a solo and/or small group setting. There will be at least three performances a year. It is also understood that all singers will participate and compete in graded performance for any and every graded music festival scheduled.

ACCELERATED BEGINNING BAND - 1 Credit

PREREQUISITE: None

Content: This class is designed for students who did not start band in middle school or who are interested in learning a second instrument. Students will work at their own pace with the guidance of the instructor. Students will be taught music reading, sound production on the instrument, care and maintenance of the instrument and performance expectations for solo/ensemble playing. Successful students will have the opportunity to progress into the regular band class. Students will be responsible for rental/obtaining an instrument and book.

*Subject to course availability.

BAND - 1 Credit

PREREQUISITE: prior band class or successful completion of Accelerated beginning band.

CONTENT: The emphasis of this class will be on performing a wide variety of musical compositions. Traditional Concert Band literature will be presented, as well as music for Marching Band and Pep Band. The Marching Band will be selected from this group and marching techniques will be taught to all students during the first quarter. The Marching Band will perform in competitions. The Concert Band will give at least two concerts per year and will participate in one graded music festival. Students will be responsible for rental/obtaining an instrument and book.

JAZZ BAND - 1 Credit

PREREQUISITE: Instructor's consent

CONTENT: A performance band class where the music that is studied and performed is big band and/or jazz literature. Students enrolled in Jazz Band must also be members of the concert band.

BEGINNING GUITAR - 1 Credit

PREREQUISITE: None

CONTENT: Beginning Guitar is designed to teach the fundamentals of standard acoustic guitar playing. Students will learn how to play the guitar properly, how to read standard notation/tablature, chord diagrams, and chord charts. Students will also learn to properly maintain and care for the instrument. Further, they will examine guitar history and a variety of music related to the instrument. Students will encounter a variety of listening and playing assignments, as well as quizzes and exams to assess the mastery of fundamentals. Completing this course will prepare students to further pursue instrumental performance and relate curriculum to the world around them. Students will be responsible for rental/obtaining an instrument and book.

MUSIC APPRECIATION - 1 Credit

PREREQUISITE: None

CONTENT: This course is designed as an exploration of varying styles of music. It is a non-performance class with heavy emphasis on the development of modern music and musical theater.

HISTORY OF POPULAR MUSIC - 1 Credit

PREREQUISITE: None

Content: The History of Popular Music traces the development of American musical genres including rock and roll, country, and hip hop. Through this course, students will learn how the genres began, performers that shaped the art, how they influence and are influenced by society, and how they affect each other. Students will be exposed to several types of subgenres (some familiar and some unfamiliar) and will gain an appreciation of the history of popular music.

Practical Arts

Agriculture Department

AG SCIENCE I - 1 Credit

PREREQUISITE: None

CONTENT: Beginning course in agriculture education and is animal science based. Topics include but are not limited to animal reproduction, animal nutrition, cattle, swine, supervised agricultural experience, financial record keeping, agricultural career exploration, and leadership and personal growth.

AG SCIENCE II - 1 Credit

PREREQUISITE: Ag Science I

CONTENT: This course is designed for the second year student enrolled in agricultural education classes. This class is plant science based. This course includes but is not limited to plant anatomy, entomology, forestry, public speaking, leadership and personal growth, and financial record keeping.

AG CONSTRUCTION - 1 Credit

PREREQUISITE: Ag Science II (maximum of 10 students)

CONTENT: Introduction to metalworking. Topics include but are not limited to measuring, drafting, project planning, oxy-acetylene, arc welding, mig welding, plasma cutting, and metal cutting. Students will use these skills to construct projects during this course. During this course, students will also work on personal growth and financial record keeping. This course may be taken only one time.

GREENHOUSE - 1 Credit

PREREQUISITES: Ag Science II or Ag Science I with teacher permission (maximum of 15 students)

CONTENT: At the end of this course, the student will be able to demonstrate competence in the areas of plant science, greenhouse operations, and greenhouse management. Topics include but are not limited to advanced plant science, plant propagation, plant identification, tool identification, floriculture industry, pests/diseases/disorders, greenhouse operations, greenhouse management techniques, leadership and personal growth, and financial record keeping. Students in this course will be in the greenhouse caring and growing plants in preparation for our annual plant sale.

WILDLIFE MANAGEMENT - 1 Credit

PREREQUISITES: Ag Science II (may be taken concurrently with Ag Science II)

CONTENT: This course is designed to provide instruction and training in the areas of history of fish and wildlife, wildlife habitat and management, identification of fish and wildlife species, hunting and fishing laws, career exploration, leadership and personal growth, and financial record keeping. *Subject to course availability.

AG COMMUNICATION AND LEADERSHIP- 1 Credit

PREREQUISITES: Agricultural Science II or Ag Science I with teacher permission

CONTENT: This course focuses on developing the students' leadership skills. Topics include but are not limited to developing written communication, writing and presenting speeches, parliamentary procedure, public relations, marketing and advertising, agricultural issues, utilizing multimedia, career preparation, and financial record keeping.

FOOD SCIENCE- 1 Credit

PREREQUISITES: Agricultural Science II

CONTENT: Food Science will cover a variety of topics in the food industry. The food science class will be working both in the classroom and the food science lab. Topics include but are not limited to food and preparation safety, food selection and consumer health, meat processing, food preservation, cooking, conducting food experiments, leadership and personal growth, and financial record keeping. *Subject to course availability.

ANIMAL SCIENCE- 1 Credit

PREREQUISITES: Agricultural Science II

CONTENT: This class will dive deep into animal science.. Topics include but are not limited to animal nutrition, animal genetics, animal health, judging various species of livestock, companion animals, veterinary exploration, oral reasonings, leadership and personal growth, and financial record keeping. *Subject to course availability.

Project Lead the Way (Engineering)**INTRO TO ENGINEERING DESIGN - 1 Credit**

PREREQUISITES: Algebra I

CONTENT: This course is designed for students to dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Students work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

PRINCIPLES OF ENGINEERING - 1 Credit

PREREQUISITES: Algebra 1 and Intro To Engineering Design

CONTENT: Through problems that engage and challenge, students will explore a broad range of engineering topics one might experience in a post-secondary class or real life engineering type situation. Through a hands-on approach, students will develop skills in problem solving, research, and design while learning strategies for a design process, documentation, collaboration, and presentation. The use of math, science and technology will be used to solve hands-on project based learning activities in various areas used in engineering.

Business & Marketing

INTRODUCTION TO BUSINESS - 1/2 Credit

PREREQUISITES: None

CONTENT: This course is designed to introduce students to how business works in today's society and to provide a foundation for other business courses. Content includes business functions such as accounting, management, marketing, and other consumer issues regarding money and money management, banking system and services, and government's role in business and technology in the business world.

DESKTOP PUBLISHING - 1/2 Credit

PREREQUISITES: None

CONTENT: Students develop proficiency in using graphic arts/desktop publishing software to create a variety of business publications such as flyers, brochures, newsletters, etc.

ENTREPRENEURSHIP - 1 Credit

PREREQUISITES: Business Communication (or equivalent)

CONTENT: This course is designed to introduce the student to the field of marketing, covering such topics as: advertising, promotions, selling, pricing, product development, the global marketplace, regulatory agencies and market research. This course will contain several projects and real-world business simulations. FBLA membership is strongly encouraged for class participants.

MULTIMEDIA - 1 Credit

PREREQUISITES: Business Communication (or equivalent)

CONTENT: This course addresses the technological skills required of students to create effective electronic presentations for the companies employing them. Students will work with multimedia software to develop electronic presentations. They will learn how to manipulate text, art and graphics, photography, animation, audio, and video for presentations in various media formats.

MARKETING 1 - 1 Credit

PREREQUISITE: None

An instructional program for students who are interested in a career in the field of marketing and management. This course includes instructional areas designed to provide an understanding of the fundamental marketing 28 processes and an orientation to the American free enterprise system.

MARKETING 2 - .5 Credit

PREREQUISITE: Marketing 1

This course is designed for students wanting to focus on marketing as a course of study or a potential career path. Students will take a more in depth analysis of the Four P's, Product, Place, Price, and Promotion, as well as the 7 functions of marketing. The class will consist of a combination of case analysis and application into projects as well as simulations. *Subject to course availability.

SPORTS AND ENTERTAINMENT MARKETING - .5 Credit

PREREQUISITE - Marketing 2

This course is designed for students wanting to focus on marketing as a course of study or a potential career path. Students will be able to get an authentic feel of communication, selling, and management in the sports and entertainment industries through case studies, speakers, and simulations. *Subject to course availability.

TRAVEL AND TOURISM - .5 Credit

PREREQUISITE: Marketing 2

This course is designed for students wanting to focus on marketing as a course of study or a potential career path. This course will feature many of the marketing concepts gathered from prerequisites and apply them toward a tourism, travel, and hospitality field. The students will work to demonstrate communication of products and services across geographical distances in order to best interest a potential business. *Subject to course availability.

Foreign Language

SPANISH I - 1 Credit

CONTENT: Spanish I is a course designed to introduce students to the Spanish language and Hispanic culture. Students learn to use Spanish to communicate thoughts, feelings and needs. Emphasis will be placed on completing tasks that assist in the acquisition of Spanish vocabulary and key concepts of grammar.

SPANISH II - 1 Credit

PREREQUISITE: Spanish I

CONTENT: Spanish II is a course designed for students to continue refining and enhancing communicative skills learned in Spanish I while moving on to emphasize mastery and depth of new material. Emphasis again will be placed on completion of tasks in Spanish in order to promote acquisition of the language.

SPANISH III - 1 Credit

PREREQUISITE: Spanish II

CONTENT: Spanish III is a course designed to build on material learned in Spanish II and challenges students to use Spanish in communicative tasks with new vocabulary and grammar. Emphasis will be placed on teaching students strategies to be effective communicators while listening, speaking, reading and/or writing in Spanish..

SPANISH IV - 1 Credit

PREREQUISITE: Spanish III

CONTENT: Spanish IV is a course designed for students to continue refining and enhancing communicative skills learned in Spanish III while moving on to emphasize mastery and depth of new material. Literature and writing will be emphasized.

Four Rivers Career Center

HEALTH OCCUPATIONS - Wright City High School Campus - 3 Practical Arts Credits

PREREQUISITES: Human Body Systems and Chemistry are strongly recommended.

APPLICATION PROCESS: Students submit applications to Career Counselor 2nd semester of Junior year.

Approval through the interview process is required to be accepted into this Four Rivers Career Center program.

CONTENT: Health Occupations is a full year class taking place in a 3-hour block of the school day. The first semester is dedicated to developing content knowledge in the healthcare field. Second semester students will go to local medical facilities to include St. Joseph's West Hospital for clinical observations. Students need their driver's license and their own transportation second semester to attend local clinical rotations.

VOCATIONAL TECHNICAL PROGRAMS - Washington Campus - 4 Practical Arts Credits

PREREQUISITES: Junior or Senior year, certain eligibility requirements are detailed in the application process

APPLICATION PROCESS: Students may submit applications to the Career Counselor 2nd semester of their Sophomore year. Approval through the interview process is required to be accepted into this program. Four Rivers Career Center makes the final decision on applications.

CONTENT: Students attend Four Rivers Career Center in Washington, Missouri for the first half of the school day to participate in Career Technical Education programs, then return to Wright City High School for the remainder of the day. A full list of program opportunities is available through the Career Counselor. Students may participate in apprenticeship programs to complete their course of study.