

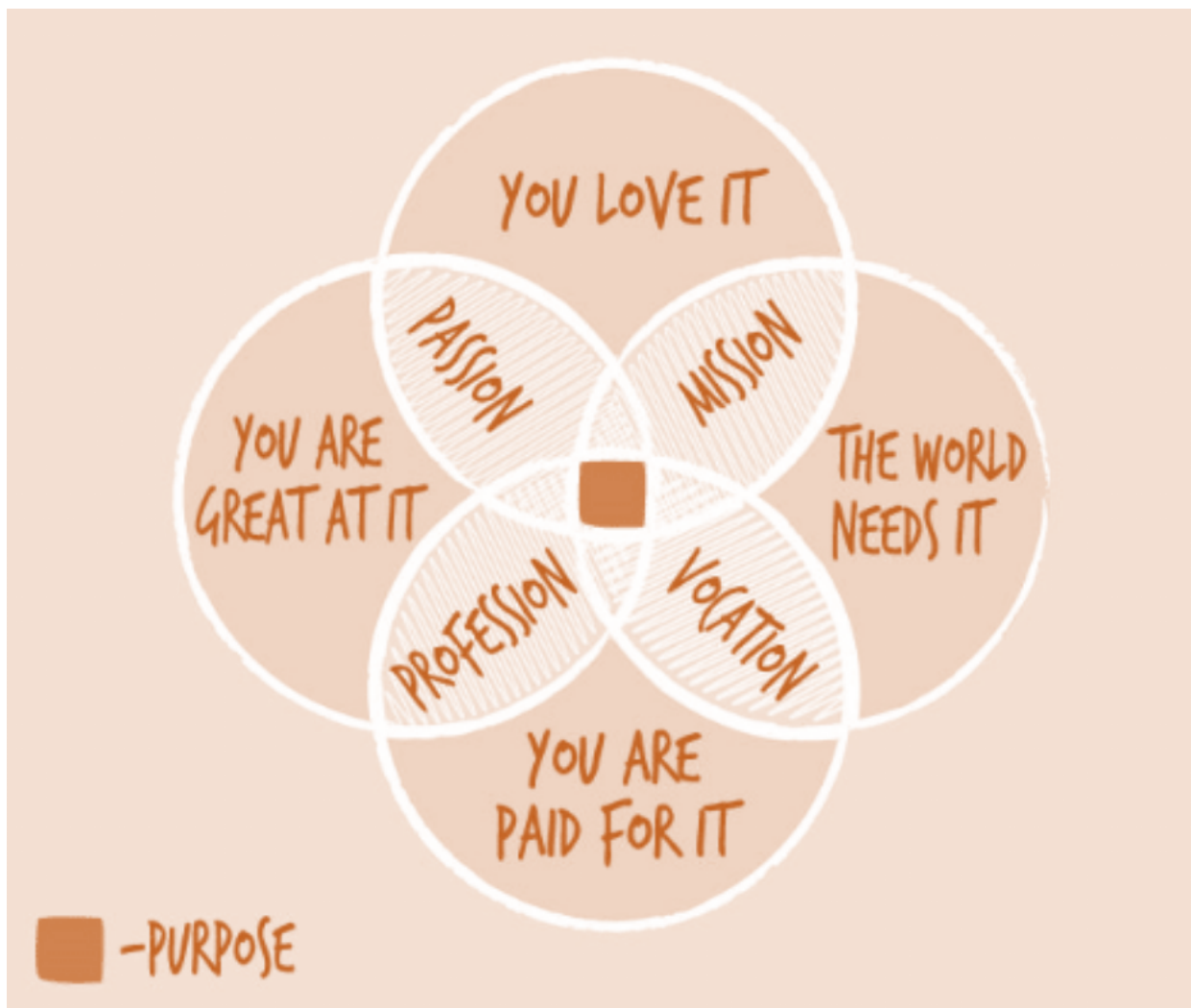
KCHS
2023-24
CURRICULUM
GUIDE

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Curriculum Guide

This Curriculum Guide has been developed for the students and parents at Kiowa County High School to present information about programs and courses offered in the high schools. Students and parents should be able to combine the information in this guide with advice from teachers, counselors, and administrators to make decisions regarding their future plans.



Choose a job you love, and you will never have to work a day in your life.
~Confucius

NON-DISCRIMINATION STATEMENT USD 422 Kiowa County High School, Greensburg, Kansas, does not discriminate on the basis of gender, race, color, national origin, age or handicap in its programs or activities.

Kansans Can

USD 422 MISSION STATEMENT

The USD 422 mission is to engage students in educational opportunities which will enable them to make positive contributions to their communities.

KANSAS VISION FOR EDUCATION

Kansans are demanding higher standards in academic skills, as well as employability and citizenship skills, and the need to move away from a “one-size-fits-all” system that relies exclusively on state assessments. This new vision for education calls for a more student-focused system that provides support and resources for individual success and will require everyone to work together to make it a reality. Together, Kansans Can.

Vision

Kansas leads the world in the success of each student.

Outcomes to be measured

- Social-emotional growth measured locally
- Kindergarten readiness
- Individual Plan of Study based on career interest
- High school graduation
- Postsecondary success

Defining Success

A successful Kansas high school graduate has the academic preparation, cognitive preparation, technical skills, employability skills and civic engagement to be successful in postsecondary education, in the attainment of an industry recognized certification or in the workforce, without the need for remediation.

This information provided by the Kansas Department of Education website.

Basic Graduation Requirements

Students are reminded to check with their counselors periodically. Review of progress toward achieving graduation requirements will facilitate timely completion. A student must have completed all graduation requirements to participate in the graduation ceremony.

Courses are scheduled according to student choices. Each time students change their minds, classes are impacted. Please note the need for students to be very serious about their pre-enrollment choices. Changes will be considered on a space-available basis.

- 4.0 LANGUAGE ARTS**
1.0 credit each year
Students must take Grammar & Language 1 in either 9th or 10th grade.
Students must take Research & Writing in either 10th or 11th grade.

- 3.0 SOCIAL STUDIES**
0.5 World History
0.5 Geography
1.0 American History
1.0 American Government

- 3.0 MATHEMATICS**
Must include successful completion of Algebra 1 outcomes

- 3.0 SCIENCE**
1.0 Biology
1.0 Physical Science

- 1.0 PHYSICAL EDUCATION/HEALTH**

- 0.5 SPEECH CREDIT**
0.5 Speech OR
0.5 Forensics B

- 0.5 DIGITAL APPLICATIONS I**

- 1.0 FINE ARTS**

- 8.0 ELECTIVES**

24.0 TOTAL CREDITS

Qualified Admissions

The Qualified Admissions criteria is the criteria used to determine admission to the four-year, public universities in Kansas.

Criteria Per Institution:

Emporia State University, Fort Hays State University, Pittsburg State University, and Wichita State University

ACT score of 21+ OR a 2.25+ GPA

Kansas State University

ACT score of 21+ OR a 3.25+ GPA

University of Kansas

3.25+ GPA

OR

21+ ACT with 2.0+ GPA

For all institutions, a cumulative 2.0+ GPA is required for any college courses taken while in high school.

It is recommended that students complete the Kansas Scholars Curriculum to best prepare for the rigor of college-level courses. (See next page)

Kansas Scholars Curriculum

4 units of English

3 units of Social Studies

4 units of Math

Must include Algebra 1, Algebra 2, Geometry, and one additional advanced math

3 units of Science

Must take Biology, Chemistry, and Physics

2 units of Foreign Language

Two high school units of the same foreign language

Completion of the Kansas Scholars Curriculum is one of the requirements Kansas must meet to receive State Scholar Designation. If they are a designated State Scholar based on completion of this curriculum and GPA and ACT score, they can apply for the need-based \$1,000 (renewable) Kansas State Scholarship.



Academic Honors

To be considered for Valedictorian and Salutatorian, the Governor's Scholars Program, and Kansas Honor Scholars Program (KU), students must meet the following criteria (see Student Handbook for details):

1. 4 English – English I, English II, English III, English IV
3 Social Studies – Geography/World History, American History, Government
3 Science from the following: Biology, Physical Science, Chemistry, A&P, Physics
3 Math from the following: Algebra, Algebra II, Geometry, or other Advanced Math
2. May not take a pass/fail course unless a course is only offered as pass/fail and is approved by building administrator and counselor.
3. Transfer students are eligible for Val/Sal awards only if they are in attendance at KCHS during their 12th grade year.

College Athletics

NCAA DIVISION I & II

If you are planning to enroll in college as a freshman and you wish to participate in Division I or Division II athletics, you must be certified by the NCAA Initial-Eligibility Clearinghouse.

For more information, visit: www.eligibilitycenter.com



NAIA

The NAIA Eligibility Center is responsible for determining the NAIA eligibility of first-time student-athletes. Any student playing NAIA championship sports for the first time must meet the eligibility requirements. Students must have their eligibility determined by the NAIA Eligibility Center, and all NAIA schools are bound by the center's decisions.

For more information, visit: www.playnaia.org

College Credit in High School

CONCURRENT ENROLLMENT

Kiowa County High School with cooperation from Pratt Community College (PCC) and other institutions, may offer concurrent college credit. Concurrent credit is the same as dual credit. To receive concurrent credit, the student must apply to the college, enroll by the appropriate deadlines, pay tuition and fees to the college, and meet the college's eligibility requirements. This is an option for high school sophomores with a gifted IEP or that have a GPA of at least 3.333 and to juniors and seniors.

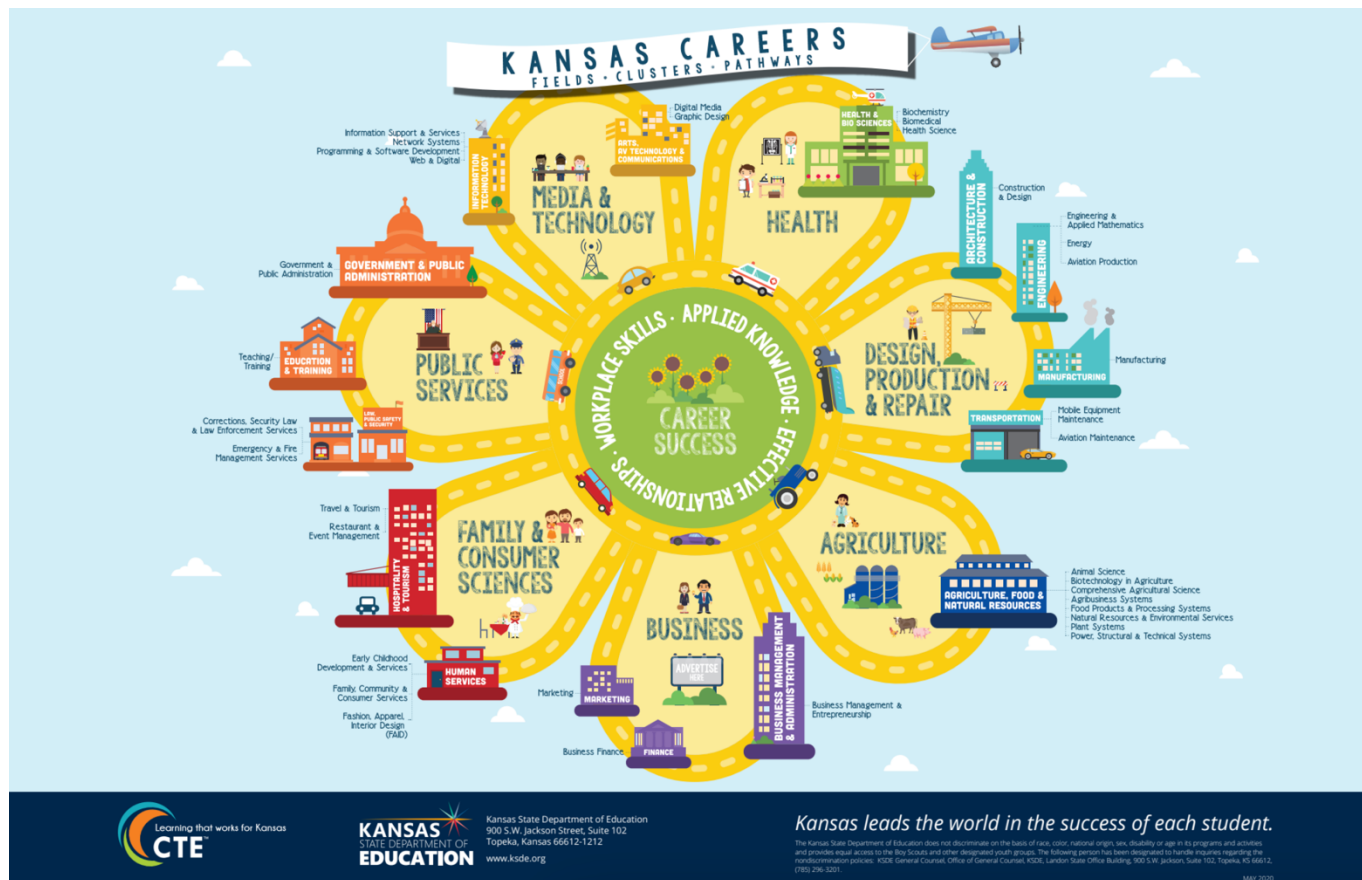


CAREER AND TECHNICAL EDUCATION (CTE) COURSES

In July 2012, Senate Bill 155 was passed to allow tuition to be waived for qualified CTE courses offered at Kansas technical and community colleges for Kansas public high school juniors and seniors. This opportunity allows students to acquire work ready skills while building a college transcript and developing a skilled workforce for Kansas employers. Many of these courses fall within the areas of medical (CNA, medical terminology), computer networking, manufacturing, construction, transportation (auto mechanics or auto body), agriculture, and business. Tuition is paid for by the State of Kansas; fees are the responsibility of the student.



CTE Pathways



KANSAS STATE DEPARTMENT OF EDUCATION
 Kansas State Department of Education
 900 S.W. Jackson Street, Suite 102
 Topeka, Kansas 66612-1212
www.kstate.edu

Kansas leads the world in the success of each student.

The Kansas State Department of Education does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and services, and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies: KSDS, General Counsel, Office of General Counsel, KSDS, Landon State Office Building, 900 S.W. Jackson, Suite 102, Topeka, KS 66612, (785) 296-3031.

MAY 2020

BUSINESS FINANCE PATHWAY

	Credit	Grade Level
Introductory Level		
Intro to Business	.5	7-8
Business Essentials	.5	9-12
Technical Level		
Accounting I	1.0	10-12
Personal Finance	.5	10-12
Business Economics	.5	10-12
Entrepreneurship	.5	11-12
Application Level		
Advanced Accounting	1.0	11-12

GRAPHIC DESIGN PATHWAY

	Credit	Grade Level
Introductory Level		
Digital Applications I	.5	9-12
Technical Level		
Art Illustrations	.5	9-12
Art Graphic Design I	1.0	10-12
Art Graphic Design II	1.0	11-12
Application Level		
Art Media Technology	1.0	12

DIGITAL MEDIA PATHWAY

	Credit	Grade Level
Introductory Level		
Computers	.5	8
Business Essentials	.5	9
Digital Applications I	.5	9-12
Technical Level		
Digital Applications II*	.5	10-12
Journalism	1.0	9-12
Art Graphic Design I	.5	10-12
Art Graphic Design II	1.0	11-12
Application Level		
Digital Applications III*	.5	11-12
Digital Media Production	1.0	10-12

CONSTRUCTION & DESIGN PATHWAY

	Credit	Grade Level
Introductory Level		
Intro to Industrial Technology	.5	8
Technical Level		
Cabinet Making & Furniture Design I	1.0	9-12
Residential Carpentry I	1.0	9-12
Application Level		
Cabinet Making & Furniture Design II	1.0	10-12
Residential Carpentry II	1.0	10-12

COMPREHENSIVE AGRICULTURAL SCIENCE PATHWAY

	Credit	Grade Level
Introductory Level		
Exploratory Ag	.5	7
Intro to Agriculture	.5	8
Technical Level		
Animal Science	1.0	10-12
Agriscience	1.0	9-12
Food Science	1.0	10-12
Application Level		
Agribusiness	1.0	11-12
Ag Leadership & Communication	1.0	11-12

POWER, STRUCTURAL, & TECHNICAL SYSTEMS PATHWAY

	Credit	Grade Level
Introductory Level		
Exploratory Ag	.5	7
Intro to Agriculture	.5	8
Technical Level		
Welding 1	1.0	9-12
Agriscience	1.0	9-12
Application Level		
Welding 2	1.0	10-12
Agribusiness	1.0	11-12
Ag Leadership & Communication	1.0	11-12

BIOMEDICAL PATHWAY

	Credit	Grade Level
Introductory Level		
Digital Applications	.5	9-12
Biology	1.0	9-12
Technical Level		
Anatomy & Physiology	1.0	11-12
Application Level		
Workplace Experience	1.0	11-12

HEALTH SCIENCE PATHWAY

	Credit	Grade Level
Introductory Level		
Biology	1.0	9-12
Chemistry	1.0	11-12
Technical Level		
Anatomy & Physiology	1.0	11-12
Medical Terminology (college)	.5	10-12
Application Level		
Certified Nursing Assistant (CNA)	.5	10-12
Certified Medication Aide (CMA)	.5	11-12
Workplace Experience	1.0	11-12



KCHS Graduation Checklist

To help plan course selections, use the checklist below to keep track of completed requirements.

English Language Arts (4.0 credits)		Grammar & Language 1 (9 th or 10 th grade) (0.5)					
		Research & Writing (10 th or 11 th grade) (0.5)					
		Chosen from English Dept. courses (3.0)					
		0.5	0.5	0.5	0.5	0.5	0.5
Math (3.0 credits)		Chosen from Math Department courses					
		Chosen from Math Department courses					
		Chosen from Math Department courses					
Science (3.0 credits)		Biology					
		Physical Science					
		Chosen from Science Department courses					
Social Studies (3.0 credits)		World History (0.5)					
		Geography (0.5)					
		American History					
		Government					
PE/Health (1.0 credit)		PE/Health					
Fine Arts (1.0 credit)		Chosen from the Fine Arts Department courses					
Digital Applications I (0.5 credit)		Digital Applications I					
Speech (0.5 credit)		Speech or Forensics B					
Electives (8 credits)							

Agriculture

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Agriscience	9-12	1	
Welding 1	9-12	1	Intro to Ag or Agriscience
Welding 2	10-12	1	Intro to Ag or Agriscience; Ag Mechanics
Animal Science	10-12	1	Intro to Ag or Agriscience (waived for 2023-24)
Food Science	10-12	1	
Agribusiness	11-12	1	Intro to Ag or Agriscience
Ag Leadership & Communication	11-12	1	Intro to Ag or Agriscience; Animal Science or Agribusiness
Research in Agriculture	11-12	1	Intro to Ag or Agriscience; Animal Science, Food Science, or Agribusiness

Agriscience

If you have questions about the agricultural industry, here is where they will hopefully get answered. In this class, you will get an introductory-level education about the following topics: FFA (what is the club about and how do I get into it?), world agriculture, agribusiness and record keeping, plant science, animal science, food science, natural resources, biotechnology, energy, and more. Hopefully, this will lead you to want to know more about the different entities of the agricultural industry and spark your interest in taking other classes or pursuing careers in any of the areas previously mentioned.

Welding 1

If you like to work with your hands, use tools, and learn basic life and mechanical skills, this is the class for you! In this course, you will learn about different possible careers in agricultural mechanics, how to use equipment safely and properly, how to perform basic maintenance on their own vehicles, basic processes of a small combustion engine, the basics of electrical wiring, fundamentals of welding, and fundamentals of fabrication. This will all be rounded out with a final project where you will get to use multiple skills that you've developed in this class.

Welding 2

Welding 2 is the next level after taking Welding 1. Using the skills you learned in welding, cutting, and construction or small engines and vehicle maintenance, you will have the opportunity to design and build your own projects. You will have to pay for your materials but will be able to rebuild or build things to your plans. You will be required to present on your project(s) and job shadow in the field of agricultural mechanics.

Animal Science

Animals are more than just pets – they help feed the world! In this class, you will learn what good stewardship of animals and the land they live on looks like. Topics covered in this course include careers in animal science, animal handling, animal nutrition, genetics, reproduction and health, marketing and more! This would be a great course for anyone who wants to raise

animals of any kind in the future, or anyone who is interested in being a veterinarian, or anyone interested in animals in general.

Food Science

Food Science is a year-long class (non-science credit) that focuses on what you eat and how it affects your body. Nutrition, safe preparation and cooking, and product design will be the three main topics covered in this class but will also include a farm-to-fork component, researching ingredients in your favorite foods, and how to safely prepare various dishes. You will get to eat in this class!

Agribusiness

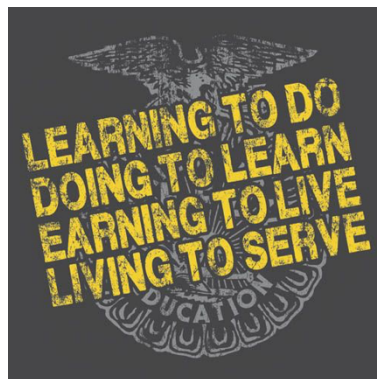
Have you ever wanted to know how to start a business, or what it takes for a farm, ranch, or other agricultural business/organization to run? Here's your opportunity to learn! This class is designed for juniors and seniors who are interested in management or entrepreneurship within the agriculture industry. Topics covered in this class will include mission statements and goals, the basics of business types, record keeping, budgets, marketing and sales, insurance and taxes, trade, and end with a business plan that you will get to present to the class.

Ag Leadership and Communication

To be a good leader, one must be a good with people and be able to exhibit qualities of efficiency, tact, good decision making, communication, relationship-building, conflict resolution, personal values/ethics, and more. In this class, you will learn about good leadership and what it looks like to be a good leader in the classroom, in FFA, and in life. Additionally, you will learn how to communicate verbally and through documents (resumes, cover letters, etc.) that will make you a rockstar in any situation.

Research in Agriculture

Research is fun when you get to choose the topic – and in this class, you will get to do just that! Your interests will guide you as you research current issues and events related to agriculture, careers, skills necessary to have within certain areas, business etiquette and industry-specific norms, technology, and as you develop your own research project to take part in throughout the year. Possible areas of research include (but are certainly not limited to!): plant science and horticulture, animal science and health systems, food processing and products, agricultural mechanics, and more! You will get to work with people of all ages in this course, as you help showcase your research to kids and adults of all ages.



Business

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Business Essentials	9-12	.5	
Business Communication	9-12	.5	
Business Management	10-12	.5	
Personal Finance	10-12	.5	
Accounting I	10-12	1	
Advanced Accounting	11-12	1	Accounting I
Business Law	11-12	.5	
Entrepreneurship	11-12	.5	

Business Essentials

This is a course designed to give students an overview of the business, marketing, and finance career cluster occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to be successful in the workplace. Students will learn about different types of business ownership and identify principles of business management.

Business Communication

This course helps students 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, non-verbal communication, and utilizing technology for communication.

Business Management

Business Management courses acquaint students with management opportunities and effective human relations. This course provides students with skills to perform planning, staffing, financing, and controlling functions within a business. The course may emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

Personal Finance

Students will be informed of their various financial responsibilities, and we will focus on the student's role as a citizen, student, family member, consumer, and active participant in the business world. The students will participate in class as well as on possible field trips that will be arranged. Participation is very important for students to get the full benefit of the class. Areas of study will be Career Decisions, Money Management, Financial Security, Credit Management, Resource and Risk Management.

Accounting I

This course introduces the basic principles of accounting theory and practice of both a service-based sole proprietorship as well as a merchandising corporation. Primary areas of study

include the theory of debit and credit accounting, use of special journals, the accounting cycle, accounts payable and receivable, payroll and the preparation of financial statements.

Advanced Accounting

Advanced Accounting courses expand upon the foundational accounting principles and procedures used in business. 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 final reports. Calculators, electronic spreadsheets, and other automated tools are usually used.

Business Law

This course identifies and promotes the skills needed in law and law associated professions. Topics include the origins, ethics, structures, and institutions of the law. It concentrates on several types of law including criminal, civil, consumer, contract, property, agency, employment, family, and environmental law.

Entrepreneurship

Entrepreneurship courses acquaint 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. Several topics surveyed in Business Management courses may also be included.



Communication

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Speech	9-12	.5	
Forensics B	9-12	.5	
Forensics A (Drama)	10-12	.5	Forensics B; Audition
Journalism	10-12	1	Digital Applications 1 or teacher permission
Digital Media Production	10-12	1	Journalism
Digital Media Production II	11-12	1	Digital Media Production

Speech

Speech is a course designed to guide the student speaker through the creation and presentation of spoken presentations, including impromptu and extemporaneous formats. Students will develop communication skills through a variety of speaking situations (small and large group discussions, interviews, group activities, etc.). This course is performance based that emphasizes communications skills such as but not limited to volume control, rate control, pitch control, hand gestures, body language, eye contact, etc. Through a variety of assignments, students will learn to research a topic and to develop an effective outline, including introduction, main points, and conclusion. Students will also analyze and apply the importance of their audience, including race, gender, regionalism, cultural differences, religion, etc. Through this course, the student will improve their self-confidence in researching, developing, and presenting a public speech.

Forensics

This course offers students the opportunity to learn how to use oral skills effectively in formal and informal situations. Students learn such skills as logic and reasoning, the organization of thought and supporting materials, and effective presentation of one's voice and body. This course introduces students to numerous public speaking situations, and they learn the methods, aims, and styles of a variety of events (e.g., expository speaking, oral interpretation, improvisation, and acting). Participation in competition is required. Forensics A (Drama) will incorporate more stage performance activities, including the staging of a one-act play.

Journalism/Digital Media Production/Digital Media Production II

Students will receive instruction in and will practice various types of photography, graphic design, layout, copy writing, headline writing, editing and other journalistic skills. Students will explore the role of and uses of a variety of digital media. Students will conduct the business of the yearbook, which includes advertising sales, billing as well as book sales and distribution. These skills will be evidenced in the school yearbook.



Computer Studies

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Digital Applications 1	9-12	.5	
Digital Applications 2	10-12	.5	Digital Applications I
Digital Applications 3	10-12	.5	Digital Applications I-II
Sports/Live Event Production	10-12	.5	Digital Applications I
Media Internship	11-12	.5	Digital Applications I-III

Digital Applications 1

Topics covered in this course include data file management, communication via email, word processing, spreadsheets, presentations, copyright, websites desktop publishing smartphone video production, and screencasts.

Software used: Google Docs, Sheets, Slides, Gmail, Forms, Drive, Drawing, iMovie & KineMaster, weebly.com, and screencastify.

Digital Applications 2

Students learn to operate video cameras, edit video, use audio techniques, control and monitor equipment, create media graphics, provide lighting, write scripts, and direct. They will apply rules of composition, pre-production, production, and post-production audio/video techniques.

Software used: Adobe Creative Suite

Digital Applications 3

Applies the technical skills learned in Digital Applications II by orchestrating projects that may include setting objectives through post-production evaluation. Presentations will address authentic needs in the school or community. The focus of this course is to experience the entire process of creating a production.

Live Event Production & Broadcasting

Students will learn what it takes start to finish to create a live event that is streamed online for public viewing. Basic camera use, streaming hardware, and computer functions will be utilized to produce events such as sports, presentations, and other school events. Software used includes BlueFrame Production Truck, and online software includes Facebook and YouTube.

Media Internship

Students will get a true hands-on education and experience as part of the Media Center team. Working with the technology learned in Computer Applications classes, students will be given a variety of projects that are actual real-world tasks involved in the multimedia industry.

*Students taking Digital Applications II and III, Sports/Live Event Production, and Media Internship can take these courses as concurrent college courses through Pratt Community College and earn 2-3 hours of college credit for each. Regular tuition and fees apply.



Fine Arts

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Art Illustrations	9-12	.5	
Art Drawing	9-12	.5	
Art 2	10-12	1	Art Illustrations and Art Drawing
Art Graphic Design I	10-12	1	Art Illustrations or Art Drawing
Art 3	11-12	1	Art 2
Art Graphic Design II	11-12	1	Art Illustrations or Art Drawing; Art Graphic Design I
Art 4	12	1	Art 3
Media Technology	12	1	Art Graphic Design II
Band	9-12	1	
Vocal	9-12	1	
Journalism	9-12	1	8 th Grade Computers
Cabinet Making & Furniture Design I	9-12	1	

Art Illustrations

Mission: "Creativity takes courage" - Henri Matisse

This course emphasizes the elements of art and the principles of design, color theory, art history, and vocabulary. Students are provided a foundation in design, drawing, and vocabulary in a teacher-structured environment. Problem solving and decision-making are emphasized throughout Art 1.

Art Drawing

Art 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 comp and/or electronic software.

Art 2

Students will use the foundations they learned in Art 1 and incorporate multiple elements or principles into their drawings and paintings.

Art 3

Students will begin project-based learning. They will be working with new mediums and experimenting with different ways to manipulate a variety of materials.

Art 4

This class is for serious artists who have a passion for art, a positive attitude, and a good work ethic. Students must be self-motivated and will work more independently and be given more responsibility.

Art Graphic Design I

Art Graphic Design I 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.

Art Graphic Design II

Art Graphic Design II emphasizes 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 the role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.

Media Technology

Workplace Experience courses provide students with work experience in fields related to media technology. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Band

The High School Band is a performance-based instrumental music course. Students will study instrumental techniques through performance of a variety of literature, listening based assignments, theory, and composition. The High School Band is responsible for entertainment at all home football and basketball games, as well as several parades and concerts. The band also performs in league and state music contests. Prior music reading experience is required, since students are expected to play challenging music throughout the year. Instruments may be checked out from the school subject to availability. Band students will be required to take band for the full year.

Vocal

This course provides the opportunity to sing a variety of choral literature styles for men's and/or women's voices and is designed to develop vocal techniques and the ability to sing parts.

Journalism

Students will receive instruction in and will practice various types of photography, graphic design, layout, copy writing, headline writing, editing and other journalistic skills. Students will explore the role of and uses of a variety of digital media. Students will conduct the business of the yearbook, which includes advertising sales, billing as well as book sales and distribution. These skills will be evidenced in the school yearbook.

Cabinet Making & Furniture Design I

This course provides for the development of a high degree of skills in the use of woodworking tools and machines. Students will design and plan a project of their choice with instructor approval. Students will further develop skills, accuracy, and knowledge of advanced machine operations. Safety practices are emphasized throughout the course. Workplace basic skills will be a special emphasis of the course. Time, material, facility management, computer literacy, problem solving, communication and teamwork skills are some of the areas that will be concentrated on.



Foreign Language

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Spanish I	10-12	1	
Spanish II	11-12	1	Spanish I

Spanish I (ITV)

Spanish 1 is the beginning of becoming proficient in the Spanish language. Students will learn the basics of Spanish by focusing on mastering skills in speaking, listening, reading and writing within a cultural framework. This course introduces students to the key vocabulary and grammar structures necessary to begin speaking and communicating efficiently in the Spanish language. Students will also be introduced to various cultural themes within the Spanish-speaking world.

Spanish II (ITV)

Spanish 2 is designed to review and build upon the concepts from first year Spanish in greater depth. The course will expand on key vocabulary and grammar structures necessary to communicate efficiently in the Spanish language. The students will focus on mastering more advanced skills in speaking, listening, reading and writing within a cultural framework.



Language Arts

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Grammar and Language 1**	9-10	.5	
Short Stories	9-11	.5	
Pioneer Literature	9-11	.5	
Fictional Literature	9-11	.5	
Nonfiction Literature	9-11	.5	
Research and Writing**	10-11	.5	Grammar & Language 1
Holocaust Literature	10-11	.5	
American Literature	10-12	.5	
Creative Writing/Poetry	10-12	.5	
Dystopian Literature	10-12	.5	
Shakespearean Literature	11-12	.5	
Literary Film Analysis	11-12	.5	
British Literature	11-12	.5	
English for Careers	11-12	.5	
English Composition I	11-12	.5	Research and Writing; ACT of 21+
English Composition II	11-12	.5	Successful completion of ENG176 (Comp. I) with a grade of "C" or higher

****Required Courses**

Grammar & Language 1

This course covers the fundamentals of grammar and language. Students will learn proper sentence structure, punctuation, and grammar rules. They will also develop their writing and editing skills. Through analysis and practice, students will gain a deeper understanding of the English language. This course will prepare students for effective communication in various contexts.

Short Stories

Holocaust Literature

This course examines the Holocaust through literature, using primary and secondary sources to understand the experiences of both survivors and victims. Through readings of memoirs, novels, and poems, students will critically analyze the literary techniques used to convey the emotional and psychological impact of the Holocaust, as well as the historical context leading up to World War II. The course encourages deep reflection on the human stories and lessons that can be learned from this devastating event. Oral discussion is an integral part of literature courses, and students will also continue to develop their writing skills with an emphasis on clear and logical writing patterns, word choice, usage, research, conventions, and style.

Pioneer Literature

This course explores the literary works and cultural traditions of early American settlers and pioneers. Students will analyze primary sources to understand the experiences and

perspectives of people who shaped the nation. They will learn to identify themes, styles, and techniques used by pioneering writers and understand the impact of social, political, and cultural factors on literature of the time. Oral discussion is an integral part of literature courses, and students will also continue to develop their writing skills with an emphasis on clear and logical writing patterns, word choice, usage, research, conventions, and style.

Fictional Literature

This course is a study of a variety of fictional literature: novels, plays, short stories, etc. The course will enhance the enjoyment of various forms of fictional prose and increase understanding of the conventions of fiction. Oral discussion is an integral part of literature courses, and students will also continue to develop their writing skills with an emphasis on clear and logical writing patterns, word choice, usage, research, conventions, and style.

Nonfiction Literature

This course focuses on nonfictional literature. Students read memoirs, essays, and biographies from various time periods, discuss social and political issues, and learn about truthful and fair nonfictional writing. Students practice writing like nonfictional writers and develop their own writing skills. The course provides a deeper understanding of nonfictional literature and its impact on our world. Oral discussion is an integral part of literature courses, and students will also continue to develop their writing skills with an emphasis on clear and logical writing patterns, word choice, usage, research, conventions, and style.

Research and Writing

This course focuses on research and writing skills. Students will learn how to conduct research, evaluate sources, and synthesize information. They will also develop their writing skills through various assignments, including research papers, essays, and presentations. Students will learn how to properly cite sources and adhere to academic standards. This course will prepare students for college-level research and writing.

American Literature

This course is a study of the major literary topics and themes across the history of the United States from pre-colonial times to present day. Students will focus on the major literary forms of the emerging nation and analyze the literary themes and trends through class discussion and assignments. Students will research and compose papers and presentations using representative forms of discourse such as essays, individual presentations, and small group presentations. Oral discussion is an integral part of literature courses, and students will also continue to develop their writing skills with an emphasis on clear and logical writing patterns, word choice, usage, research, conventions, and style.

Creative Writing/Poetry

Dystopian Literature

In this course, students will investigate dystopian themes in literature and explore how authors from various cultures and time periods have attempted to draw attention to real world issues, specifically regarding the preservation of human dignity in a generally corrupt society. The course is designed to expand rhetoric, sharpen grammar, and hone the critical and analytical skills of students. There will be continued emphasis on advancing skills in reading, writing, listening, speaking, and critical thinking.

Shakespearean Literature

In this course, students will study 16th century England as relevant to the Bard's life and times, Shakespeare's background, sonnets, and a selection of plays. Students will develop a variety of written projects that demonstrate the evaluative and analytical work required for the academic study of Shakespeare.

Literary Film Analysis

For this course, students will examine how novels from different time periods and genres have been adapted for the silver screen. Students will analyze texts, exploring character development, literary devices, and themes, as well as learning introductory-level film analysis skills.

British Literature

This course presents a survey of the development of British literature from the Anglo-Saxon period to the seventeenth century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

English for Careers

This course teaches students communication skills—reading, writing, listening, and speaking—concentrating on “real-world” applications. It will emphasize the practical application of communication as a business tool—using technical reports and manuals, business letters, resumes, and applications as examples—rather than emphasize language arts skills as applied to scholarly and literary materials. Oral discussion is an integral part of literature courses, and students will also continue to develop their writing skills with an emphasis on clear and logical writing patterns, word choice, usage, research, conventions, and style.

English Composition I (ENG176 - 3 hours college credit)

Students in English Composition I develop the skills and concepts that enable writers to control the mechanics and ideas of expository writing. Students also learn to organize their ideas and create structured essays. In addition, students learn basic research and essay test techniques. Readings in the class include a variety of materials. (Pratt Community College)

English Composition II (ENG177 - 3 hours college credit)

This course is designed to expand the writing skills developed in English Composition I and will further develop argumentative writing strategies and patterns while developing critical intellectual skills, such as analyzing and evaluating. The course will also continue the development of proficiency in research and documentation. (Pratt Community College)



Mathematics

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Pre-Algebra	9-12	1	
Algebra 1	9-12	1	
Geometry	9-12	1	Algebra I
Algebra 2	10-12	1	Algebra I
Math for the Trades	11-12	1	
College Algebra (PCC online)	11-12	.5	ACT Math of 23+ or meet PCC placement test score requirement
Pre-Calculus	11-12	.5	Algebra I, Geometry, Algebra II
Trigonometry	11-12	.5	Algebra I, Geometry, Algebra II

Pre-Algebra

Pre-Algebra increases students' foundational math skills and prepares them for Algebra 1 by covering a variety of topics, such as properties of rational numbers, ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

Algebra 1

Covers topics in linear equations, inequalities, and systems. Students use these representations to model relationships, while also learning to write, rearrange, evaluate, solve, and graph. Next, students learn a fundamental concept of algebra which is functions including but not limited to linear, quadratic, and exponential functions. Students develop their ability to write, transform, graph, and solve these equations. The quadratic formula is also introduced in this unit. More time is also spent on probability & statistics with the extension of two-variable statistics.

Geometry

This course begins with the axiomatic system of geometry and the introduction of basic geometric tools. It covers topics from measurement to properties of 2 and 3 dimensional shapes. Geometric proofs are introduced and developed primarily with the study of two dimensional shapes and relationships. Topics expand to cover polygons, the quadrilateral hierarchy, congruence theorems, rigid transformations, dilations, circles and an introduction to trigonometry. Topics from Algebra I are used extensively in this course for purposes of measurement, transformations, and congruence.

Math for the Trades

This class provides the practical mathematics needed in a wide variety of trade, technical, and other occupational areas, including plumbing, automotive, electrical and constructions trades, machine technology, landscaping, HVAC, allied health, and many more. Topics covered include mental math, algebra, geometry, and introductory level of trigonometry. This text assists students by providing a direct, practical approach that emphasizes careful, complete explanations and actual on-the-job applications. Careful attention has been given to readability, and reading specialists have helped plan both the written text and the visual organization.

Special attention has also been given to on-the-job math skills, by using a wide variety of real problems and situations. Many problems parallel those that appear on professional and apprenticeship exams.

Algebra 2

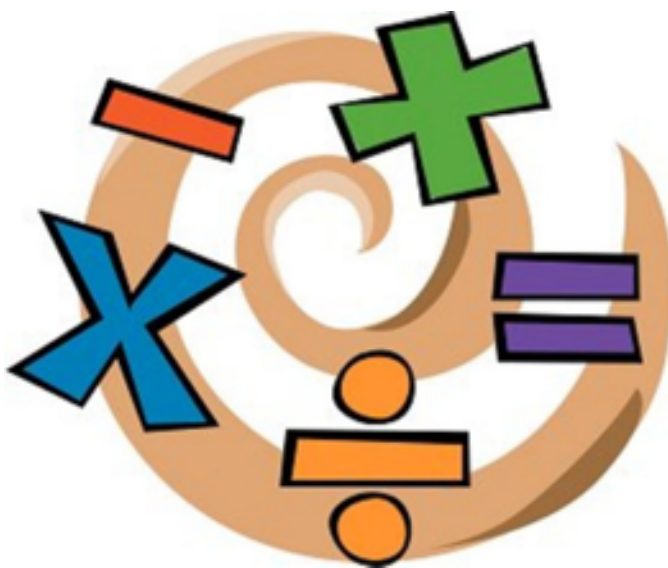
In this course, students build upon the fundamentals learned in Algebra 1. These concepts reinforce the concept of a function, and lead to them using functions to model situations. Polynomial models are studied first, followed by rational models. Time is taken to study the structure of polynomial and rational graphs and their expressions. Attention is then shifted to extending their knowledge of exponent rules to include rational exponents and roots. Revisiting square roots allows the introduction of imaginary numbers, which are the foundation of the complex number system. This allows them to solve quadratic equations with non-real solutions. Logarithms are then introduced to solve for unknown exponents. If time, trigonometric ratios and functions are reviewed from geometry to prepare students for calculus. Finally, probability and statistics curriculum is taught with a focus on analyzing data from experiments using normal distribution.

Pre-Calculus

Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, and rational functions, and their relations, inverses and graphs; matrix algebra; and sequences and series. The concept of limits is introduced as well as an introduction to derivatives, anti-derivatives and definite integrals of polynomial functions.

Trigonometry

Topics covered include: solutions of right and oblique triangles; vectors; the polar coordinate system; trigonometric identities and equations; and conic sections.



Physical Education/Health

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
9 th PE/Health	9	1	
Strength & Speed	10-12	1	9 th PE/Health

9th PE/Health

Emphasizes physical fitness and fundamentals of basic play in recreation team/individual sports and leisure/lifetime sports. Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health, and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and /or community resources.

Strength and Speed

Strength & Speed class is provided for the student to increase their physical/athletic performance. The class includes exercises and activities that will allow the student to improve in the areas of strength, power, flexibility, muscular endurance, agility, speed, quickness, goal setting, and achievement.

Science

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Biology	9-12	1	
Physical Science	10-12	1	
Animal Science	10-12	1	Intro to Ag or Agriscience
Integrated Science	11-12	1	
Anatomy & Physiology	11-12	1	Biology
Chemistry	11-12	1	Algebra I, Physical Science
Chemistry 2	12	.5	Chemistry 1
Physics	12	1	Algebra 1, Geometry, Algebra 2, Physical Science, Chemistry

Biology

This course provides information pertaining to the fundamental concepts of life and life processes. Topics covered will include: the scientific method as it pertains to the study of life; chemistry of life; cell structure and function; cell reproduction; cellular respiration; photosynthesis; cell growth and division; genetics; taxonomy; and general plant and animal physiology. Students conduct dissections, laboratory, and field investigations, use scientific methods during investigations, and make decisions using critical thinking and scientific problem solving.

Physical Science

This course investigates one of the main categories of science. Physical science deals with matter and energy. The course introduces the fundamentals and concepts of physics and chemistry.

Animal Science

Animals are more than just pets – they help feed the world! In this class, you will learn what good stewardship of animals and the land they live on looks like. Topics covered in this course include careers in animal science, animal handling, animal nutrition, genetics, reproduction and health, marketing and more! This would be a great course for anyone who wants to raise animals of any kind in the future, or anyone who is interested in being a veterinarian, or anyone interested in animals in general.

Integrated Science

This course is a collective, project-based application of the life sciences and the physical sciences. Students will cover topics in human anatomy and physiology, physics, chemistry, and environmental science. Emphasis will be placed on the in-depth application of concepts in each area.

Anatomy & Physiology

This course involves the study of the human body. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, homeostasis, and explore anatomical and functional systems (skeletal, muscular, digestive, respiratory, nervous, cardiovascular, and reproductive). Laboratory investigations and

dissection of mammals stress the scientific method and problem-solving skills as pertains to the human body.

Chemistry

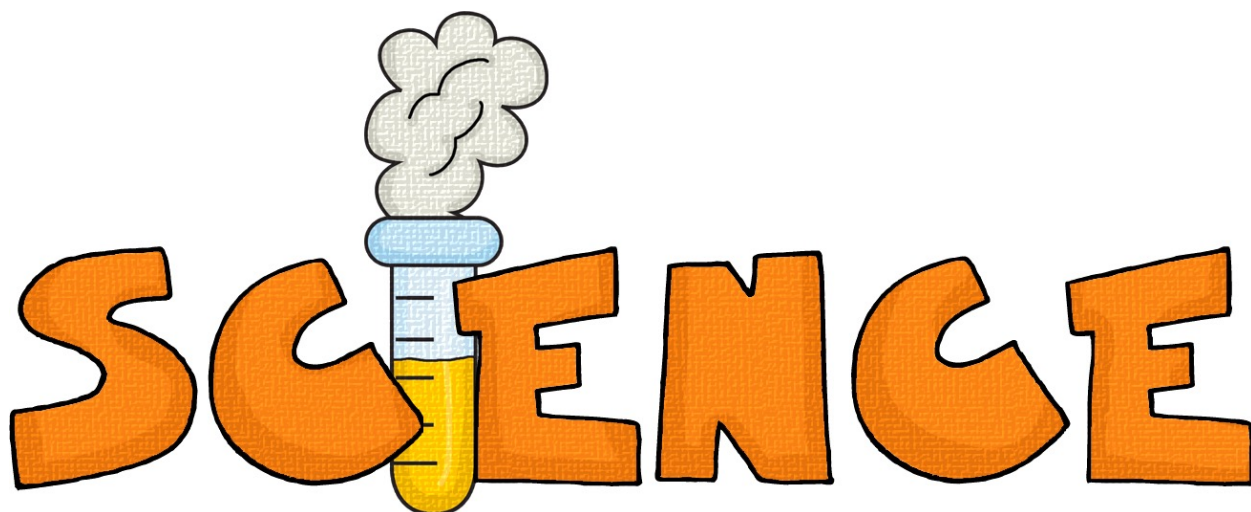
This course involves the study of the composition, properties, and reactions of substances. Concepts covered include characteristics of matter, atomic structure, the periodic table, chemical bonding, chemical reactions, stoichiometry, gas laws, and acids and bases. Students conduct laboratory investigations, use scientific methods during investigations, and use critical thinking and scientific problem-solving skills.

Chemistry II

Chemistry II provides a continued study of chemical theory. It builds upon the basic topics from Chemistry I. Strong emphasis will be placed on application of theory. It is designed for students interested in medicine, engineering, or chemistry as a major in college. It requires a great deal of algebraic math skills and a solid chemistry background from Chemistry I that includes naming, bonding, and stoichiometry.

Physics

This course involves the study of the forces and laws of nature affecting matter. Topics covered include motion, momentum, equilibrium, and relationships between matter and energy. Students conduct laboratory investigations using scientific problem-solving skills. Mathematical formulation of concepts and solutions to problems is stressed.



Social Science

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Geography	9-12	.5	
World History	9-12	.5	
American History	11	1	
US Government	12	1	American History

American History

This high school course of study begins with a review of the major ideas, issues, and events of the late 19th century including imperialism, industrialization, and immigration. Students will then concentrate on the critical events, people, groups, ideas, and issues of the period from 1900 to the present, including Progressivism, World War I, the 1920s, the Great Depression and New Deal, World War II and its aftermath, the Civil Rights Movement, Vietnam, and the Modern World including the presidencies from Nixon to Obama, and the United States' response to globalization and international crises. The course should be rigorous and relevant, with instruction that integrates thinking skills, historical processes, and content so that students are able to apply the learning to their own lives. Instruction should include the integration of concepts and principles from history, economics, geography, civics, and the humanities.

Geography

The Geography course familiarizes students with the world using the five geographic themes and essential elements. Students should develop skills and knowledge about location, place, human/environmental interaction, movement, and regions. The course should compare and contrast these themes across all continents. Special attention must be given to the most essential skills and knowledge of the discipline. The course should focus on geographic *habits of mind* to promote higher level thinking and problem solving. The course should require students to apply skills and knowledge to content information involving different regions of the world. The course should be rigorous and relevant with instruction that integrates thinking skills, historical processes, and content so that students are able to apply the learning to their own lives. Students are able to apply their geographic knowledge to their community, state, nation, world, and themselves. Instruction should include the integration of concepts and principles from history, economics, geography, civics, and the humanities.

US Government

The high school government course builds upon and adds to students' previous learning of history, government, economics, and geography to assist them in becoming truly informed, thoughtful, and engaged citizens in a democracy. Citizenship requires basic knowledge and understanding. Understanding the principles of checks and balances, the separation of powers, the organization of the three branches of government, and the complex relationship between the federal, state, and local government are all essential to being an informed citizen. While such knowledge is essential, it is not adequate to fully and effectively meet the duties and responsibilities of citizenship. The student must understand how the Constitution embodies the purposes, values, and principles of American democracy, and be able to use that understanding in fulfilling the "job" of citizen. The course should be rigorous and relevant with instruction that

integrates thinking skills, historical processes, and content so that students are able to apply the learning to their own lives. Instruction should include the integration of concepts and principles from history, economics, geography, civics, and the humanities.

World History

The World History course covers the time period from around 1300 C.E. through the fall of the Soviet Union in the early 1990s. The course will cover intellectual trends, revolutionary movements, social interactions, political ideologies, economic theories, and geographical impacts. Students will focus on critical events, people, and turning points during these centuries including the Renaissance, imperialism, and twentieth-century issues. The course should be rigorous and relevant with instruction that integrates thinking skills, historical processes, and content so that students are able to apply their learning to their own lives. Instruction should include the integration of concepts and principles from history, economics, geography, civics, and the humanities.



Special Programs

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
JAG	9-12	1	
Study Skills	9-12	1	Identification and professional staffing into the Special Education program
Teacher Aide	11-12	1	
Workplace Internship	12	1	CTE Pathway

JAG

JAG-K is an in-school, elective class that is taught by a JAG-K Career Specialist. The Career Specialist teaches JAG-K students employability skills, career and leadership development skills and helps with academic remediation. All JAG-K students are also required to serve at least 10 hours of community service each year.

Study Skills

This course will assist students, who have been **formally diagnosed** as having special needs, in improving their study skills. Any student who feels he/she needs specialized help should consult the resource teacher and the school counselor.

Teacher Aide

Student aides will help the supervising teacher in whatever capacity is needed. A student must enroll this spring if she/he wishes to be an aide next year. A student may be an aide only one unit of credit per school year. Students must be a senior or junior in attendance for the entire school year. The student must have the approval of the supervising teacher, principal, and counselor prior to enrollment.

Workplace Internship

Workplace Internship is designed for students that want to gain experience working in a job that is directly tied to their IPS.



Technology

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Cabinet Making & Furniture Design I	9-12	1	
Cabinet Making & Furniture Design II	10-12	1	Cabinet Making & Furniture Design I
Advanced Materials Technology	11-12	1	Cabinet Making & Furniture Design I-II
Advanced Cabinet Making	12	1	Cabinet Making & Furniture Design I-II; Advanced Materials Technology
Residential Carpentry I	11-12	1	
Residential Carpentry II	12	1	Residential Carpentry I

Advanced Materials Technology

A progressive application-level course furthering the study of CNC equipment, composite panel products, and veneering, and the processes involved with fabricating goods with these technologies.

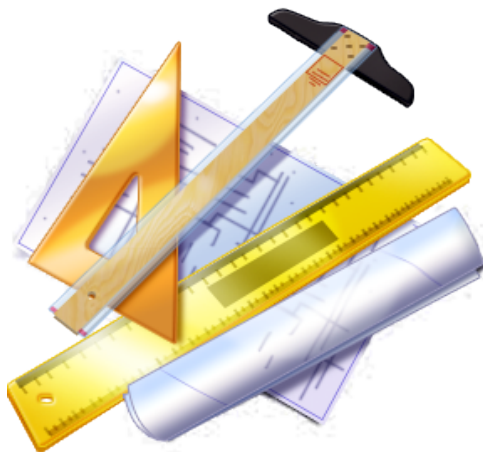
Cabinet Making & Furniture Design I, II and Advanced Cabinet Making**

This course provides for the development of a high degree of skills in the use of woodworking tools and machines. Students will design and plan a project of their choice with instructor approval. Students will further develop skills, accuracy, and knowledge of advanced machine operations. Safety practices are emphasized throughout the course. Workplace basic skills will be a special emphasis of the course. Time, material, facility management, computer literacy, problem solving, communication and teamwork skills are some of the areas that will be concentrated on.

Residential Carpentry I, II

This comprehensive course is designed to instruct students in the basic knowledge and skills required for construction of residential structures.

***Cabinet Making & Furniture Design courses will count as Fine Arts credits. Residential Carpentry courses will not.*



GET INVOLVED!

Golf

Tennis

Football

Volleyball

Basketball

FFA

JAG

Band

Choir