

KIOWA COUNTY HIGH SCHOOL

2021-2022
CURRICULUM GUIDE

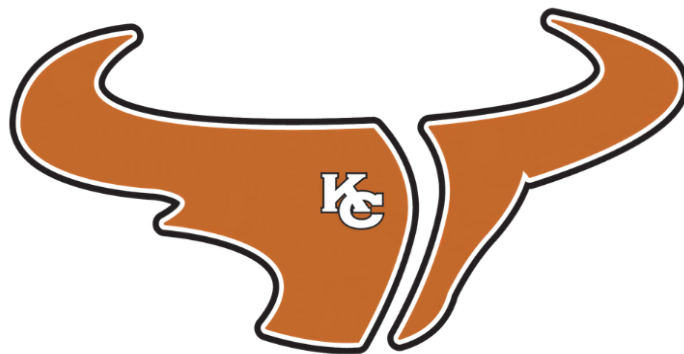
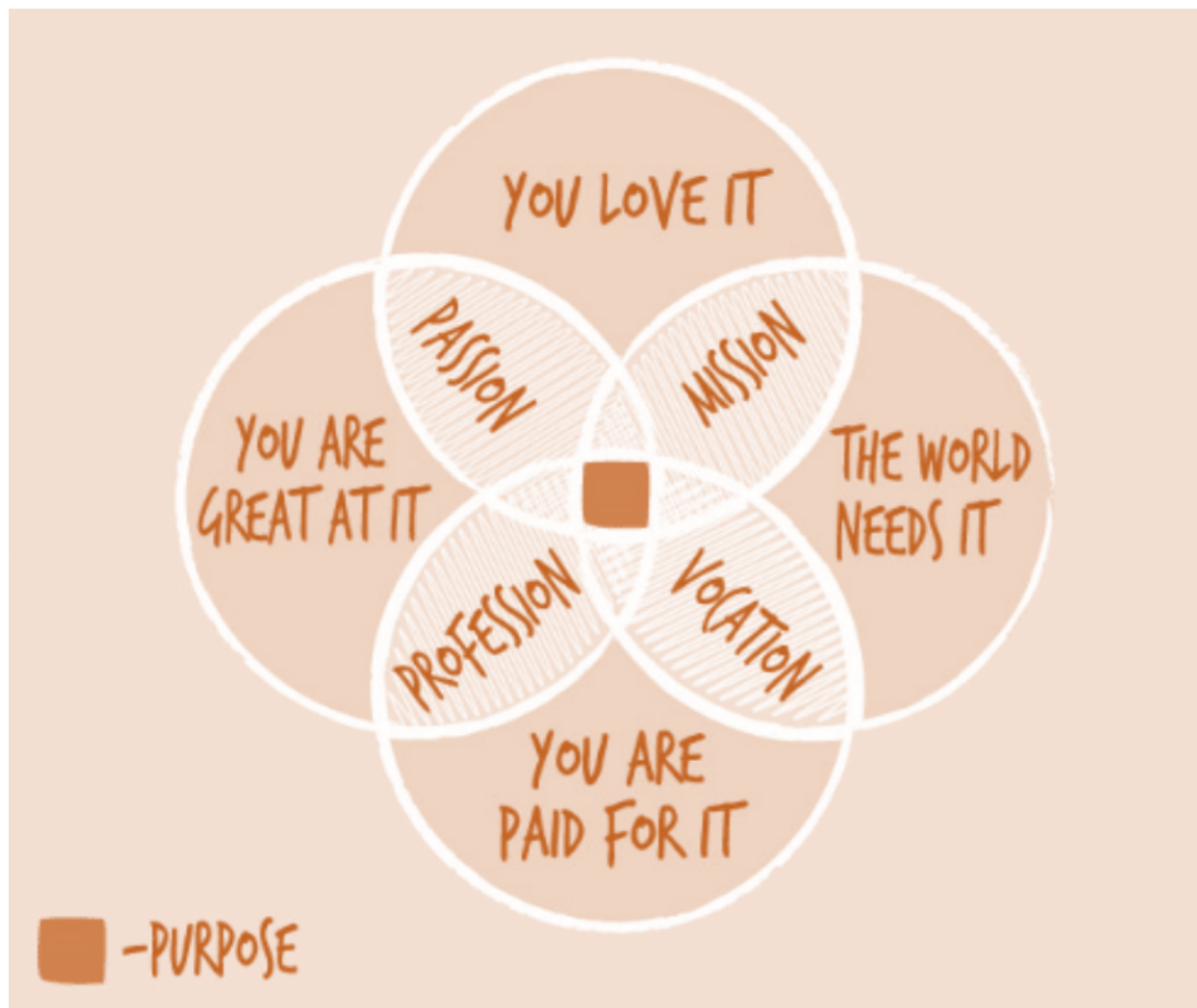


Table of Contents

Curriculum Guide	3
Kansans Can	4
Basic Graduation Requirements	5
Qualified Admissions	6
Kansas Scholars Curriculum	7
Academic Honors	7
College Athletics	8
College Credit in High School	9
CTE Pathways	10-13
Four Year Planning Worksheet	14
KCHS Graduation Checklist	15
Agriculture	16-17
Business	18-19
Communication	20
Computer Studies	21
Fine Arts	22-23
Foreign Language	24
Language Arts	25-26
Mathematics	27-28
Physical Education/Health	29
Science	30-31
Social Science	32-33
Special Programs	34
Technology Education	35
Get Involved	36

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 in order 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 first enrollment choices. Changes will be considered on a space-available basis.

4.0 LANGUAGE ARTS

1.0 English 9
1.0 English 10
1.0 English 11
1.0 English 12 or English for Careers

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. These new criteria will be used for graduating classes beginning with the class of 2021.

Criteria Per Institution:

Emporia State University, Fort Hays State University, Pittsburg State University, and Wichita State University will require an ACT score of 21+ OR a cumulative 2.25+ GPA.

Kansas State University will require an ACT score of 21+ OR a cumulative 3.25+ GPA.

The University of Kansas will require an ACT score of 21+ AND a cumulative 3.25+ GPA or an ACT score of 24+ AND a cumulative 3.0+ GPA. (Beginning spring 2022, 3.25+ with no test score or regardless of test score 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.

Qualified Admissions Recommended Curriculum

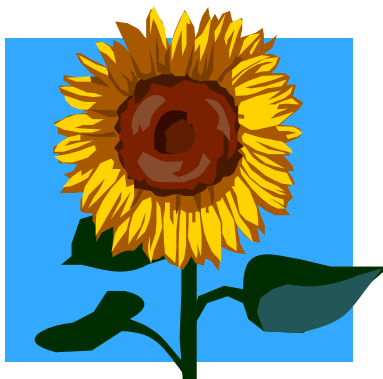
4 units of English	English 1, English 2, English 3, English 4
3 units of Social Studies	American History; US Government; At least ½ credit from either World History or Geography; ½ elective
3 units of Science	Must include Chemistry or Physics
3-4 units of Math	Students must take three credits of math at or above the level of Algebra I while in high school. (Algebra I in 8 th grade does NOT count!) AND meet the ACT college readiness math benchmark (22) OR take 4 units of math at Algebra 1 or higher and one must be taken in the graduating year.
Electives	3 approved units from the following: English, math, natural science, social science, fine arts, computer/information systems, foreign languages, personal finance, speech, debate, forensics, journalism, or career & technical education

Kansas Scholars Curriculum

4 units of English	Same as KCHS requirement
3 units of Social Studies	Same as Qualified Admissions
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 in the same foreign language

Visit www.kansasregents.org/kansas_scholars_curriculum for specifics.

Students completing this curriculum are recognized their senior year. 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 Kansas State Scholarship.



Academic Honors

In order to be considered for Valedictorian and Salutatorian, the Governor's Scholars Program, and Kansas Honor Scholars Program (KU), students must meet the following criteria (page 2 of the Student Handbook):

1. Complete the Qualified Admissions recommended curriculum
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

Many college athletic programs are regulated by the National Collegiate Athletic Association (NCAA), an organization founded in 1906 that has established rules on eligibility, recruiting, and financial aid. The NCAA has three membership divisions—Division I, Division II, and Division III. 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 in some on-campus classes, as well as online classes. 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 the semester preceding the semester they wish to take a college course and to juniors and seniors.



The O'Brate Foundation offers a Dual-Credit Scholarship for high school students. To be eligible, students must have a GPA of 2.5 or higher, demonstrate financial need, have work experience, and have drive and determination to succeed. If awarded one of these scholarships for a semester/school year, students must reapply if they desire to take courses the following semester/school year. See counselor for more information.

CAREER AND TECHNICAL EDUCATION (CTE) COURSES

In July 2012, Senate Bill 155 allows 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



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		
Accounting II	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

*Students completing these courses are eligible for college credit through Pratt Community College.

17 credit hour Live Event Production Certificate from PCC:

- COM108: Sports/Live Event Production 3 credit hours
- COM112: Studio & Field Production 3 credit hours
- COM113: Video Editing & Postproduction I 3 credit hours
- COM220: Media Communication & Production Internship I 2 credit hours
- ENG176: English Composition I 3 credit hours
- COM276: Public Speaking 3 credit hours

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		
Ag Mechanics	1.0	9-12
Agriscience	1.0	9-12
Application Level		
Ag Fabrication	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



Four Year Planning Worksheet

9TH GRADE

SEMESTER 1	SEMESTER 2
1. English 9	1. English 9
2. Biology	2. Biology
3. Math	3. Math
4. PE/Health	4. PE/Health
5. Dig. Apps. I/Speech	5. Dig. Apps. I/Speech or Forensics B
6.	6.
7.	7.

10TH GRADE

SEMESTER 1	SEMESTER 2
1. English 10	1. English 10
2. Science	2. Science
3. Math	3. Math
4.	4.
5.	5.
6.	6.
7.	7.

11TH GRADE

SEMESTER 1	SEMESTER 2
1. English 11	1. English 11
2. American History	2. American History
3. Math	3. Math
4. Science	4. Science
5.	5.
6.	6.
7.	7.

12TH GRADE

SEMESTER 1	SEMESTER 2
1. English 12	1. English 12
2. Government	2. Government
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.

KCHS Graduation Checklist

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

English Language Arts (4.0 credits)		English 9
		English 10
		English 11
		English 12 or English for Careers
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	
Ag Mechanics	10-12	1	Intro to Ag or Agriscience
Ag Fabrication	11-12	1	Intro to Ag or Agriscience; Ag Mechanics
Animal Science	10-12	1	Intro to Ag or Agriscience
Agribusiness	11-12	1	Intro to Ag or Agriscience
Ag Leadership & Communication	11-12	1	Intro to Ag or Agriscience; Animal Science or Agribusiness
Food Science	10-12	1	

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.

Ag Mechanics

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.

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.

Ag Fabrication

Agricultural Fabrication is the next level after taking Agricultural Mechanics. 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.

Agribusiness

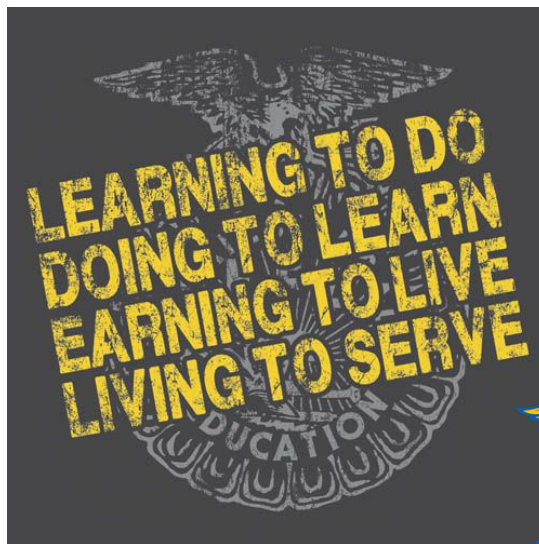
Have you ever wanted to know how to start a business, or what it takes for a farm, ranch, or other agricultural business/organization to run? Here's your opportunity to learn! This class is designed for juniors and seniors who are interested in management or entrepreneurship within the agriculture industry. 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.

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!



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	
Accounting II	11-12	1	Accounting I
Business Law	11-12	.5	
Entrepreneurship	11-12	.5	

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.

Accounting II

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 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 Essentials

This is a course designed to give students and 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 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.

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.

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.

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.



Communication

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
Forensics B	9-12	.5	
Forensics A (Drama)	10-12	.5	Forensics B; Audition
Journalism	9-12	1	8 th Grade Computers
Digital Media Production	10-12	1	Journalism
Digital Media Production II	11-12	1	Digital Media Production
Speech	9-12	.5	

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.

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.



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
Media Internship	11-12	.5	Digital Applications I-III
Sports/Live Event Production	10-12	.5	Digital Applications I

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, Media Internship, and Sports/Live Event Production can take these courses as concurrent college courses through Pratt Community College and earn 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 Graphic Design I	10-12	1	Art Illustrations or Art Drawing
Art Graphic Design II	11-12	1	Art Illustrations or Art Drawing; Art Graphic Design I
Media Technology	12	1	Art Graphic Design II
Art 2	10-12	1	Art Illustrations and Art Drawing
Art 3	11-12	1	Art 2
Art 4	12	1	Art 3
Band	9-12	1	
Vocal	9-12	1	
Journalism	9-12	1	8 th Grade Computers
Cabinet Making	9-12	1	See Technology Section for details.

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 2-4

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.



Foreign Language

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

Spanish I

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

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
English 1	9	1	
English 2	10	1	English 1
English 3	11	1	English 2
English for Careers	12	1	English 3
English 4	12	1	English 3
English Composition I	12	.5	ACT of 18+ or meet PCC placement test score requirement
English Composition II	12	.5	English Comp. I

English 1

Freshman English reinforces and refines basic English skills like composition, mechanics, and vocabulary enhancement. Additionally, there is an emphasis on honing their expository writing talents in preparation for their remaining high school years as well as any advanced education courses. English 1 students also read and analyze a variety of literary genres, including but not limited to, autobiographies, poetry, short stories, essays and plays.

English 2

This course is an integrated program in which literature is the focus. Students will study a variety of literary works: novels, plays, non-fiction, poetry, and short stories. Within the study of literature, students will learn to write various modes of discourse. This will include writing analytical, evaluative and reflective essays. Students can also improve their reading rate and comprehension through the study of various genres of literature, helping them to develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message. Speaking, the study of grammatical conventions, and vocabulary development are an integral part of the course.

English 3

English 3 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. Students will also continue to develop their writing skills with emphasis on clear and logical writing patterns, word choice, usage, research, conventions, and style.

English for Careers

This course teaches students communication skills—reading, writing, listening, 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.

English 4

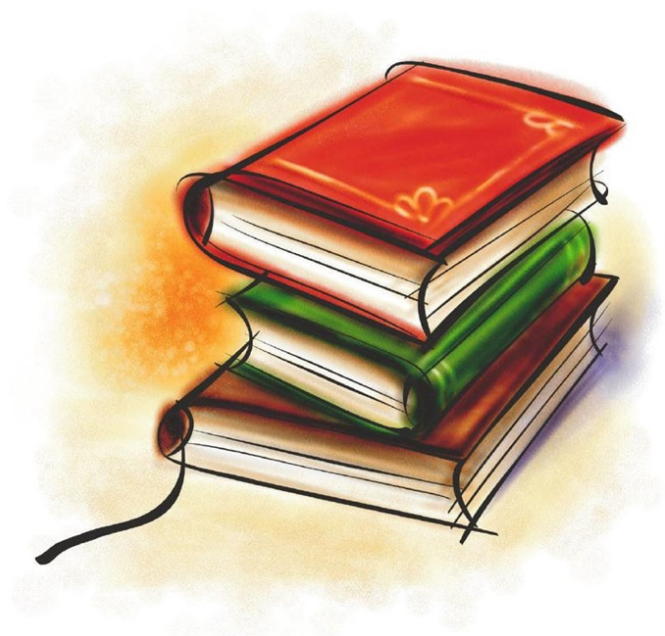
This course continues an emphasis on advanced reading strategies and composition techniques integrated with a study of selected British and other world literature. Selections include fiction, poetry, drama, literary nonfiction, and informational texts. Fused with the study of these selections is the continued refinement of composition skills, usage skills, and research skills. Students have opportunities to practice listening/speaking, and media literacy is emphasized.

English Composition I (3 hours college credit)

This is a course in personal and reflective writing. It is based on a process writing approach – generating ideas, planning, drafting, developing, and revising and editing – with emphasis on individual development. Techniques and final product will be reinforced with quality examples from students and published writers.

English Composition II (3 hours college credit)

This is a course in research-based writing. It is based on the processes taught in English Composition I, integrating use of data, paraphrasing, citing, toning personal writing skills, and using all facets applied to develop college level constructed essays.



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
Intermediate Algebra	11-12	.5	Algebra I, Geometry, Algebra II
College Algebra (PCC)	11-12	.5	ACT Math of 23+ or meet PCC placement test score requirement
Pre-Calculus	11-12	1	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

Students begin the course with the first part of our Probability & Statistics curriculum, which is spread out over three courses. They learn about one-variable statistics concepts, data collection, and analysis. These topics set a tone for the course of understanding quantities in their contexts, collaboration, and communication. These topics transition into linear equations, inequalities, and systems. Students use these representations to model relationships, while also learning to write, rearrange, evaluate, and solve. More time is also spent on Probability & Statistics with the extension of two-variable statistics. In that unit, students extend their prior knowledge of scatter plots to assess linear models and interpret data. Next, students learn a fundamental concept of algebra which is functions. Communicating with function notation is a primary goal of this unit, and students will explore many different function types including but not limited to linear, quadratic, and exponential functions. The course ends with a close look at quadratic equations. Students develop their ability to write, transform, graph, and solve these equations. The quadratic formula is also introduced in this unit, providing students the opportunity to deepen their understanding of the real number system.

Geometry

This course begins with compass and straightedge constructions to get students making conjectures about the foundations of geometry. Those conjectures lead into formal proofs through the cycle of conjecture, rough draft, peer discussion, and final draft. We then review and build upon the study of transformations from middle school, beginning with rigid transformations and eventually dilations. Rigid transformations help students prove and understand the concepts of congruence, while dilations help them prove and understand similarity. During the learning of rigid transformations, a quick look into coordinate geometry allows students to discover the equations for circles, parabolas, and lines. After learning about dilations and similarity, students are ready to study right triangle trigonometry, one of the more foundational topics of geometry. Next, students derive the volume formulas they learned in

middle school. New concepts such as solids of revolution, cross sections, Cavalieri's Principle and scaling area/volume will complete their study on three-dimensional solids. Students revisit circles to learn properties involving chords and angles within circles. Finally, the second part of the Probability & Statistics curriculum is taught, as students extend what they learned in middle school about probability of events.

Algebra 2

In this course, students build upon the fundamentals learned in Algebra 1, beginning with a study of arithmetic and geometric sequences. 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. From there, students revisit exponential functions from Algebra 1, but now using their new knowledge of geometric sequences and rational exponents to calculate growth intervals. 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, the third part of the Probability and Statistics curriculum is taught, and we focus on analyzing data from experiments using normal distribution. Students are encouraged to develop skepticism about news stories that summarize data inappropriately.

Intermediate Algebra

This course reviews and extends algebraic concepts for students who have already taken Algebra II. Course topics include operations with rational and irrational expressions, factoring of rational expressions, linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, properties of higher degree equations, and operations with rational and irrational exponents. The course may introduce topics in discrete math, elementary probability and statistics; matrices and determinants; and sequences and series.

College Algebra (3 hours college credit)

The student will demonstrate: an understanding of the general concepts of relation and function and specifically of polynomial, exponential, and logarithmic functions; the ability to solve system of equations by utilizing matrices and determinants; and the ability to solve practical problems using algebra.

Pre-Calculus

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.



Physical Education/Health

COURSE TITLE	GRADE LEVEL	CREDIT	PREREQUISITE
9 th PE/Health	9	1	
Strength & Conditioning	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 Conditioning

Strength & Conditioning class is provided for the student to increase their physical/athletic conditioning. 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.



**STRENGTH &
CONDITIONING
EDUCATION**

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
Chemistry	11-12	1	Algebra I, Physical Science
Anatomy & Physiology	11-12	1	Biology
Physics	12	1	Algebra 1, Geometry, Algebra 2, Physical Science, Chemistry

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.

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.

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.

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.

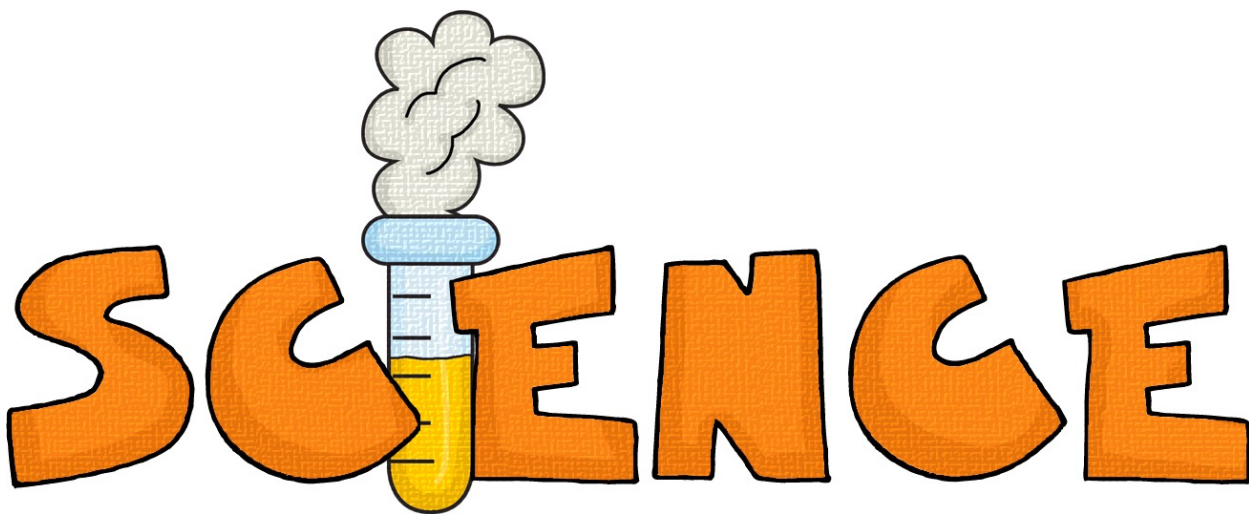
Physical Science

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

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	
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.

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

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.

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	
Work Based Learning	12	1	

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.

Work Based Learning

Work Based Learning is designed for students that want to gain experience working in a job that is directly tied to a class in which the student is enrolled.



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
Residential Carpentry I	9-12	1	
Residential Carpentry II	10-12	1	Residential Carpentry I

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.

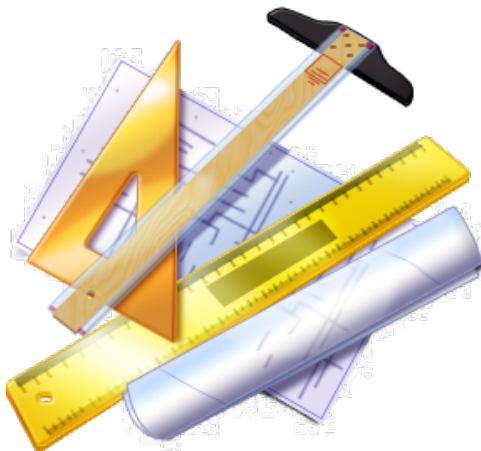
Advanced Materials Technology

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.

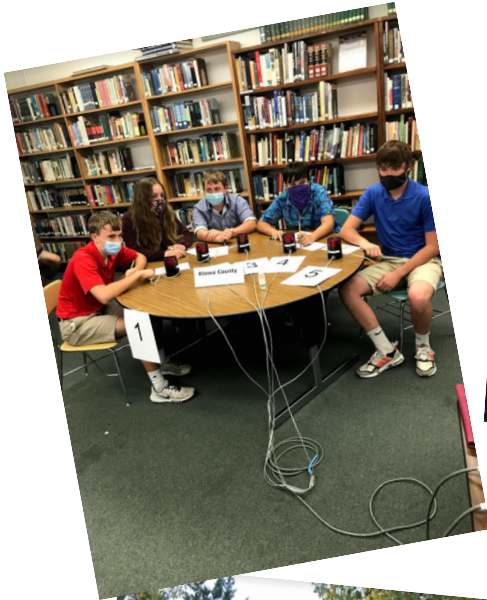
Residential Carpentry I, II

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 be count as Fine Arts credits. Residential Carpentry courses will not.*



GET INVOLVED!



Golf
Tennis
Football
Volleyball
Basketball
Cheerleading
Track & Field
Cross Country



FFA
JAG
Band
Choir
Forensics
Class Officer
Scholars Bowl
Student Council
National Honor Society
Fellowship of Christian Athletes (FCA)