

Kansas Career Clusters

Pratt High School's course catalog is designed to show you how courses relate to many careers that are available in Kansas. The foundational skills required for each cluster include a variety of both academic and career-centered courses. For each Career Cluster, there is a specific pathway that students should complete. Each pathway is broken down into Introduction, Technical, and Application courses required for completion of the pathway.

All academic offerings are listed in the front of the catalog. Please note the connection between academic offerings and career clusters with which they are associated. Unless otherwise noted, all courses are .5 credit. (If annotated as an A and B, the course is .5 credit but both will generally be taken together in one school year for a whole credit based on Graduation Requirements)

There are 2 primary academic pathways: Qualified Admissions and the Kansas Scholars' Curriculum.

Academic Requirements for Graduation from Pratt High School

(4) units of English Language Arts, which shall include:

*One (1) English I credit

*One (1) English II credit (Adv. English students must substitute 1 credit of English Electives)

*One (1) English III credit

*One-half (.5) Composition credit

*One-half (.5) Literature credit

(3) Mathematics credits.

(1) unit of Physical Education.

(3) credits of Science.

(3) units of Social Science in the following areas:

(1) unit of American History

(.5) unit of American Government

(.5) unit of World History

(.5) of Economics

(.5) of Geography

(1) unit of Computer Studies (Keyboarding cannot be used toward this credit).

(1) Fine Arts credit from the following list:

1. Any Art Course

2. Any Music or Band Course

3. Forensics

4. Multimedia

5. Architectural Drawing

(12) elective credits.

English Language Arts

***!Honors English I (A and B)**

Grade 9

1 credit

English I students will work to gain better reading and writing skills through examining a large variety of literature. This will include fiction and nonfiction, classic and contemporary,, prose and poetry, novels and short stories. Honors English will place a greater emphasis on insightful and challenging responses to literature. There will be a greater demand on the students, including outside work and reading, longer assignments, and a faster pace. Students in this course will need to budget extra time and effort to be successful.

***!English I (A and B)**

Grade 9

1 credit

English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

***!Communications**

Grade 11 - 12

½ credit

This course offers students study and practice of effective oral communication skills including interpersonal relationships, group dynamics, and public speaking. Areas emphasized are verbal and nonverbal communication, mass media, critical thinking, etiquette, and parliamentary procedure. Students will have the opportunity to develop practical communication skills for their daily lives. **This course may be taken for dual credit through PCC.**

Individualized Reading

Grade 9 -12

½ credit

Strategic reading courses are intended to improve a student's vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. Although these courses typically emphasize works of fiction, they may also include works of nonfiction (including textbooks). Strategic reading courses often have a time-management focus, offering strategies for note-taking or for understanding and evaluating the important points of a text.

***!English II (A and B)**

Grade 10

1 credit

English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and 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.

***!English III (A and B)**

Grade 11

1 credit

English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses

***!AP English Language and Composition (A and B)**

Grade 10-12

1 credit

This course is recommended for students seeking strong college preparation in writing and research. The Advanced Placement English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images from many disciplines and historical periods.

***!College Bound Comp I**

Grade 11 - 12

1 credit

English/Composition (juniors and seniors) courses are designed for juniors and/or seniors and build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, these courses—which emphasize word choice, usage, and writing mechanics—provide continued and advanced instruction in writing for a variety of purposes and audiences. English/Composition (juniors and seniors) courses may emphasize college or business preparation; literature study may be offered as an additional component in which students analyze examples of several genres.

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

!College Bound Comp II*Grade 11 - 12****1 credit**

English/Composition (juniors and seniors) courses are designed for juniors and/or seniors and build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, these courses—which emphasize word choice, usage, and writing mechanics—provide continued and advanced instruction in writing for a variety of purposes and audiences. English/Composition (juniors and seniors) courses may emphasize college or business preparation; literature study may be offered as an additional component in which students analyze examples of several genres.

!Composition*Grade 12****½ credit**

English/Composition course designed for seniors to build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, these courses—which emphasize word choice, usage, and writing mechanics—provide continued and advanced instruction in writing for a variety of purposes and audiences. English/Composition courses may emphasize college or business preparation; literature study may be offered as an additional component in which students analyze examples of several genres.

!Consumer English*Grade 11 -12****½ credit**

The course explores practical writing skills necessary for young adults to survive in the world after high school. This course will focus on strengthening students' reading, writing, oral communication, and 21st century skills. By focusing on these areas, students will become better equipped with the skills, knowledge, and understanding necessary to achieve success in the workplace and everyday living. The students will learn the process of creating a resume, filling out job applications, filling out FASFA forms, applying for scholarships, filling out rental applications, participating in a mock interview, applying for a loan, requesting a transcript, using a checkbook ledger, job searching skills and researching the basic cost of living while writing out a budget for a year of work based on salary and hourly pay.

!Mythology*Grade 11 -12****½ credit**

Literature courses offer the opportunity for students to study and reflect upon the themes presented in the body of literature being presented. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Oral discussion is an integral part of literature courses, and written compositions are often required. Literature courses may survey representative works, reflect a particular genre or a specific theme, or survey works of a particular time or people.

!Short Stories*Grade 11 -12****½ credit**

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

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

!Shakespeare*Grade 11 -12****½ credit**

These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on a particular author and his or her work. Students determine the underlying assumptions and values within the selected works; compare techniques, styles, and themes of the author; and reflect upon the time period in which the author lived. Oral discussion is an integral part of literature courses, and written compositions are often required.

Debate**Grade 9-12****½ credit**

Debate, offered only first semester, consists of developing one's ability to research and structure both pro and con arguments on one controversial issue for one semester. Debate tournaments are held on late Friday afternoons and/or on Saturdays. Debate develops logical thinking skills, delivery skills and persuasiveness, listening and note-taking skills, and teamwork. Assignments in debate consist of reading and research on the year's topic, making reports and speeches on one's research and developing cases and plans from that research. Students enrolling in debate are expected to assist with the annual PHS debate tournament. Students must compete in practice rounds and competitions. The first year in this class is open to all those who meet the Kansas State High School Activities Association eligibility requirements. Advanced Debate students must have the teacher's permission to enroll.

!Drama / Speech*Grade 9- 12****½ credit**

Drama/Speech is a course designed to strengthen acting and speaking skills in performance. It is an advanced class for students who have taken some sort of basic communication, acting, or forensics course earlier. Students will work on several individual projects throughout the semester chosen from the following: serious duet acting, comedic duet acting, serious solo acting, comedic

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

solo acting, persuasive speaking, informative speaking, storytelling, and/or one-acts. For the drama portion, students will work on analyzing scenes, creating characters, advancing their performance skills, and motivating action. For the speech portion, students will work on targeting an audience, selecting strong support, organizing the speech, and strengthening delivery skills. A student must have the teacher's permission to be enrolled.

Forensics

Grade 9 - 12

½ credit

Forensic Speech—Debate courses offer students the opportunity to learn how to use oral skills in formal and informal situations. In these courses, students are able to develop such skills as logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body. Often linked to an extracurricular program, these courses introduce students to the methods, aims, and styles used in various kinds of debates (formal debate or Lincoln-Douglas). Participation in competition is encouraged, but not always required.

Mathematics

Applied Algebra 1 (A and B)

Grade 9 - 10

1 credit

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

***!Algebra I (A and B)**

Grade 9 - 10

1 credit

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Geometry (A and B)

Grade 9-10

1 credit

Prerequisite: Algebra 1 or equivalent (graphing calculator required)

Geometry is a middle level mathematics class. The study of geometry will include properties, definitions, relationships, and theorems of angles, polygons, quadrilaterals, and circles. Deductive proofs will be stressed. Applications of the geometric principles to real-life situations will be included.

***!Applied Geometry (1 Credit) EbD Technological Design 1 credit) (A and B) Grade 9 -10**

1 credit

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Applied Algebra II (1 Credit) (A and B) EbD Engineering Design (.5 Credit) Grade 10 - 12

1 credit

Transition Algebra courses review and extend algebra and geometry concepts for students who have already taken Algebra I and Geometry. Transition Algebra courses include a review of such topics as properties and operations of real numbers; evaluation of rational algebraic expressions; solutions and graphs of first degree equations and inequalities; translation of word problems into equations; operations with and factoring of polynomials; simple quadratics; properties of plane and solid figures; rules of congruence and similarity; coordinate geometry including lines, segments, and circles in the coordinate plane; and angle measurement in triangles including trigonometric ratios.

***!Algebra II (A and B)**

Grade 10 -12

1 credit

Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

***!Pre-Calculus (A and B)**

Grade 11-12

1 credit

This course is designed to give a comprehensive study of functions. Specific emphasis will be placed on polynomial, rational, inverse, exponential, logarithmic and trigonometric functions. An in-depth understanding of these topics is especially important for students intending to study calculus, physics, and other sciences, and/or engineering in college. In addition to the study of functions, students will also be introduced to topics in probability and statistics. The course will conclude with the study of limits and a preview of Calculus.

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

***!AP Calculus (A and B)** **Grade 11 -12** **1 credit**
Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of precalculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

***!College Algebra** **Grade 11 -12** **½ credit**
Algebra III courses review and extend algebraic concepts for students who have already taken Algebra II. Course topics include (but are not limited to) 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 courses may introduce topics in discrete math, elementary probability and statistics; matrices and determinants; and sequences and series.

Transition to College Algebra **Grade 11-12** **1 credit**
This course addresses a variety of mathematical topics needed to prepare students for success in college-level mathematics. Mathematics topics include: numeracy, manipulating and evaluating expressions and formulas; rates, ratios, and proportions; percentages; solving tables; verbal, algebraic and graphical interpretations of functions; rational expressions, solving systems of linear and quadratic equations; properties of higher degree equations; and operations with rational exponents. The course was developed to align with both the Kansas College and Career Readiness Standards and the developmental math outcomes of the Kansas Board of Regents.

Science

***!Foundations of Technology and Physical Science** **Grade 9 - 10** **2 credit**
Earth Science offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.

***!Biology (A and B)** **Grade 9 - 10** **1 credit**
Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Principles of Biomedical Science (A and B) **Grade 9-11** **1 credit**
In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

***!Environmental Science (A and B)** **Grades 9 - 10** **1 credit**
Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

***!Anatomy & Physiology (A and B)**
(Human Body Systems) **Grades 11-12** **1 credit**
Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals. Six hours of job shadowing in medical careers and viewing of a human cadaver are part of the course. This course is recommended for students interested in medical or health careers.

Science Projects (A and/or B)
Project Management and Resource Scheduling **Grades 11 - 12** **1 credit**
Life and Physical Sciences—Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other rigorous science courses or may serve as an opportunity to explore a topic of special interest.

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

***!Chemistry (A and B)** **Grades 11 - 12** **1 credit**
Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

***!Physics (A and B)** **Grades 11 - 12** **1 credit**
Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

Social Studies

***!World Geography** **Grade 9** **½ credit**
World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

***!World History** **Grade 10** **½ credit**
Western Civilization courses apply an interdisciplinary approach to the study of western cultural traditions, frequently using a chronological framework. Course content typically includes a survey of the major developments in and contributors to art and architecture, literature, religion and philosophy, and culture. These courses may also cover intellectual and political movements.

***!Economics** **Grade 10** **½ credit**
Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

***!US History (A and B)** **Grade 11** **1 credit**
Modern U.S. History courses examine the history of the United States from the Civil War or Reconstruction era (some courses begin at a later period) through the present time. These courses typically include a historical review of political, military, scientific, and social developments.

***!Psychology** **Grade 11 - 12** **½ credit**
Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

***!Sociology** **Grade 11 -12** **½ credit**
Sociology courses introduce students to the study of human behavior in society. These courses provide an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

World War II 1918-1948 **Grade 9-12** **½ credit**
The purpose of this course is to provide the students with a broad view and comprehensive understanding of World War II as a global event. It will deal with the war's causes, conduct, and consequences. It will cover the war from the perspective of all the major belligerents, Axis and Allied. The first part of the semester, will focus on European Theatre from 1918-1946 or from the Treaty of Versailles to the Nuremberg Trials. The second half of the semester would focus on the Pacific Theatre, respectively from Japan's conquest of Manchuria to the Japanese War Trials. The course will be built around lectures, complemented by readings of primary and secondary sources, handouts, discussions, two tests, and a major project.

***!Government** **Grade 12** **½ credit**
U.S. Government—Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

***!AP Government (A and B)** **Grade 12** **1 credit**
AP Government courses prepare students for the AP exams in both U.S. Government and Politics and Comparative Government and Politics. Course content includes the topics covered in those two separate courses as described above.

Arts and Performing Arts

***!Art 1 (A and/or B)** **Grade 9 - 12** **½ credit or 1 credit**
Creative Art—Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

***!Art 2 (A and/or B)** **Grade 10 - 12** **½ credit or 1 credit**
Creative Art—Drawing/Painting courses cover the same topics as Creative Art—Comprehensive courses, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

***!ADV Art Projects (A and/or B)** **Grade 11 - 12** **½ credit or 1 credit**
Art Portfolio courses offer students the opportunity to create a professional body of work that reflects their personal style and talent. Students are often encouraged to display their work publicly.

***!Fundamentals of Art 1 (A and/or B)** **Grade 9** **½ credit or 1 credit**
Creative Art—Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

***!Robed Choir (A and/or B)** **Grade 9 - 12** **1 credit**
Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

***!Women's Chorale (A and/or B)** **Grade 9 - 12** **1 credit**
Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

***!Pratt High Chamber Singers** **Grade 9-12** **1 credit**
This course will be an auditioned ensemble of no more than forty members. This group will focus on developing collegiate level skills by learning advanced choral techniques through individual singing and collegiate level repertoire.

***!Competition Band (A and/or B)** **Grade 9 - 12** **1 credit**
General Band courses develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of non-specified band literature styles (concert, marching, orchestral, and modern styles).

***!Marching Band** **Grade 9 - 12** **½ credit**
Courses in Marching Band are intended to develop students' technique for playing brass, woodwind, and percussion instruments and cover appropriate band literature styles, primarily for marching performances.

***!Jazz Band** **Grade 9 - 12** **½ credit**
Courses in Concert Band are designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances.

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

Foreign Language

***!Spanish I**

Grade 9 - 12

1 credit

Designed to introduce students to Spanish language and culture, Spanish I emphasizes basic grammar and vocabulary, needed for students to read, write, speak, and understand the language at a basic level. By the end of the class, students should be able to hold basic conversations in a variety of contexts. Students also learn about Spanish culture to enhance their understanding of the language and its use.

***!Spanish II**

Grade 10 - 12

1 credit

The Spanish II course builds upon skills developed in Spanish I, extending students ability to understand and express themselves in Spanish and increasing their vocabulary. Students will work toward better ability to use the language and to increase their reading, writing, speaking, and listening skills.

***!Spanish III**

Grade 11 - 12

1 credit

Spanish III courses focus on students expanding their ability to use the language for communication - both oral and written. Goals of the course include increased comprehension of oral and written language as well as improved reading and writing skills. There is added emphasis on reading Hispanic literature and beginning translation work.

***!French I**

Grade 9 - 12

1 credit

This beginning French course introduces basic grammar and vocabulary so that students can read, write, speak, and understand French at a basic level in typical settings such as school, home, shopping, with family, and with friends. Learning about French culture adds to the understanding of the language and the people who speak it.

***!French II**

Grade 10 - 12

1 credit

French II is designed to increase the student's ability to use French in conversation as well as in written communication. Students will add to their knowledge of French grammar and culture as they work toward increased ability to communicate in French. The study of French culture is included to enhance language acquisition.

***!Heritage Language Learner Spanish**

Grade 9-12

1 credit

Designed for native Spanish-speaking students. It emphasizes reading and writing in Spanish. The class strives to increase their bilingual range to include a variety of styles and registers - both spoken and written, formal and informal. Meaningful, authentic work in translating and interpreting will be done. A primary focus is to enable the students to build their knowledge and skill level with their native language in order to enhance their career or job skills.

Physical Education

Physical Education I (A and B)

Grade 9

1 credit

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Lifetime Sports (A and/or B)

Grade 10 - 12

½ credit to 1 credit

Recreation Sports courses provide students with knowledge, experience, and an opportunity to develop skills in more than one recreational sport or outdoor pursuit (such as adventure activities, croquet, Frisbee, wall climbing, bocce ball, fishing, hiking, cycling, and so on)

Weight Training (A and/or B)

Grade 9 - 12

½ credit to 1 credit

Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

Leadership Studies

Transitions

Grade 9

½ credit

Transitions is a required class for freshman. The purpose of Transitions is to prepare each student to be successful at Pratt High School and then experience success upon graduation from high school.. Areas to be explored include character education,

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

computer use, career assessment, leadership, team building, mentoring, personality profiles, and individual and team goal setting. The textbook for the class is The Seven Habits of Highly Effective Teens by Sean Covey.

Leadership **Grade 9 - 12** **½ credit**
Leadership class is designed to strengthen students' personal and group leadership skills. This class is geared to students involved in extracurricular activities or students looking at careers that utilize leadership. Topics covered include effective communication, public speaking, organization and management, and group dynamics. The textbook for the class is Life Strategies for Teens by Phillip McGraw.

Digital Media

Digital Media Technology **Grade 9 - 12** **½ credit**
Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include exploring the use of digital imaging and video today and in the future, a study of the relationship of work flow to project planning and completion and the software, equipment and tools used in the industry.

Multi-Media **Grade 9 - 12** **½ credit**
Computer Graphics courses provide students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Typical course topics include modeling, simulation, animation, and image retouching.

Web-Design **Grade 9 - 12** **½ credit**
Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, and Document Object Model—to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking fundamentals.

Video Productions **Grade 10 - 12** **½ credit**
Video Production applies the technical skills learned in Audio Video Production Fundamentals by allowing students to orchestrate projects from setting the objectives to the post-production evaluation. The subject of the presentation may be determined in a number of ways, but must address an authentic need. The complexity of the presentation is not the focus of this course but the experience of the entire process is, including planning the presentation, setting up the studio (if applies), acting as the videographer, and editor to make it fluid and seamless.

Media Technology - Workplace Experience **Grade 10-12** **½ credit**
This course is a capstone course for the Web and Digital Communications Pathway. In this course technology will be used to create a variety of things for teachers and administrators in USD 382 as well as businesses and organizations. Students will have the opportunity to interact with clients and design and create brochures, webpages, signs, etc.

Digital Photography **Grade 9 - 12** **½ credit**
Photo Imaging courses provide students with the opportunity to effectively communicate ideas and information via digital, film, still and video photography. Topics covered typically include composition, layout, lighting and supplies. More advanced courses may include instruction in specialized camera and equipment maintenance, application to commercial and industrial need and photography business operations

Digital Photography II **Grade 10 - 12** **12 credit**
Photo Imaging courses provide students with the opportunity to effectively communicate ideas and information via digital, film, still and video photography. Topics covered typically include composition, layout, lighting and supplies. More advanced courses may include instruction in specialized camera and equipment maintenance, application to commercial and industrial need and photography business operations.

Yearbook **Grade 11 - 12** **1 credit**
Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

BUSINESS EDUCATION

Business Law **Grade 10 - 12** **½ credit**
Business Law will give students an introduction to the United States legal system, how it is organized, how it works, and an overview of the different types of laws.

Business Management **Grade 9 - 12** **½ credit**
Students will identify, analyze and process business data and information to make business decisions and enhance management duties.

Business Economics **Grade 9 - 12** **½ credit**
This course will integrate economic principles (such as free market economy, consumerism, and the role of American Government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law and risk).

Business Essentials **Grade 9 - 12** **½ credit**
Students will develop an understanding of how academic skills in Math, written and oral communications are integral components of success in business occupations. Includes a historical review of business globally.

Marketing **Grade 10 - 12** **1 credit**
A course to meet the technical level requirement of this particular pathway. Focuses on a wide range of factors that influence the flow of goods from the producer to the consumer.

Marketing Management **Grade 11 - 12** **½ credit**
Marketing Management courses typically cover the same scope of topics as Marketing – Comprehensive courses (purchasing and distribution systems; advertising and sales; and so on) but place a particular emphasis on business management and entrepreneurship, providing exposure to common techniques and problems of management.

Sports & Entertainment Marketing **Grade 10 - 12** **½ credit**
This Sports and Entertainment Marketing course introduces students to and help them refine marketing and management functions and tasks that can be applied to amateur or professional marketing and management functions and tasks that can be applied in amateur or professional sports or sports events, entertainment events, and the sales or rental of supplies and equipment.

Entrepreneurship **Grade 9 - 12** **½ credit**
This course acquaints students with the knowledge and skills necessary to own and operate their own business. Topics from several fields that 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 communications.

Applied Business Development **Grade 11 - 12** **½ credit**
Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. These courses includes classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing a business.

Accounting I **Grade 10 - 12** **1 credit**
Accounting I covers the principles and procedures necessary for college accounting or entry-level employment in the accounting field. The course includes the entire accounting cycle, as well as basic principles, concepts and procedures of accounting needed for both business and personal applications. Some computer assisted accounting will be covered.

Advanced Accounting **Grade 11 - 12** **1 credit**
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. Topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process and further enhancement of accounting skills.

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

TECHNOLOGY AND INDUSTRIAL EDUCATION

General Technology

Grade 9

½ credit

Provide students with the opportunity to explore interests in drafting, woodworking, small gas engines and metalworking. Students will learn basic drawing techniques, design, build and race a CO2 dragster, construct small woodworking projects, work on small gas engines and build a metal toolbox.

Cabinetmaking and Furniture Design I

Grade 10 - 11

1 credit

Course Description: Cabinetmaking and Furniture Design 1 emphasizes the safe and correct use of hand tools, portable power tools, and basic operation of stationary woodworking machines. Such topics as lumber, plywood, squaring stock, adhesives, wood fasteners, common wood joinery, abrasives, layout tools, furniture construction, wood finishing, and other construction aspects are also explored.

Cabinetmaking and Furniture Design II

Grade 11 - 12

1 credit

Prerequisite: CABINETMAKING AND FURNITURE DESIGN I

COURSE DESCRIPTION: This is a one-year course that studies design, advanced processes and construction of furniture and cabinets. This class is for the student who wishes to further his/her woodworking skills.

Welding I (A and B)

Grade 10 - 11

1 credit

Welding Technology 1A is a semester course designed for the beginning welder. Students will be given instruction in practical application in Shielded Metal-Arc Welding, Oxy-Acetylene welding, and the Oxy-Acetylene cutting processes. Students will practice these processes and safety and proper procedures for the use of various welding equipment, machines, and materials will be stressed. This course is designed for the home workshop welder and is also an introduction into the processes and skills involved in welding as a career.

Welding Technology 1B is a semester course designed for the beginning welder. Students will be given further instruction in practical application in Shielded Metal-Arc Welding, Oxy-Acetylene welding, and the Oxy-Acetylene cutting processes. They will produce welds in the vertical positions. Also studied and incorporated will be the use of the Metal Inert Gas Welding, Plasma Arc Cutting, and Tungsten Inert Gas Processes. This course is designed for the home workshop welder and is also an introduction into the processes and skills involved in welding as a career. A small project may be incorporated to reinforce the welding skills learned in this class.

Welding II (A and B)

Grade 11 - 12

1 credit

Prerequisite: Welding IA & IB

Welding Technology 2A is a semester course designed for the beginning welder who has taken Welding Technology 1A and 1B and would like more practice, knowledge, and practical application of the welding skills learned in Welding 1. Students will demonstrate practical applications in Shielded Metal-Arc Welding, Oxy-Acetylene welding, and the Oxy-Acetylene cutting process by constructing projects using skills they learned in Welding 1. Plasma Metal cutting processes and Metal Inert Gas and Tungsten Inert Gas welding processes will also be studied and used where appropriate. This course is designed for the home workshop welder who would like more knowledge and hands work than they received in Welding 1, or have an interest in the processes and skills involved in welding as a career.

Welding Technology 2B is a semester course designed for the beginning welder who has taken Welding Technology 1A, 1B, and 2A and would like more practice, knowledge, and practical application of the welding skills learned in Welding 1. Students will demonstrate practical applications in Shielded Metal-Arc Welding, Oxy-Acetylene welding, and the Oxy-Acetylene cutting process by constructing projects using skills they learned in Welding 1. Plasma Metal cutting processes, Metal Inert Gas, and Tungsten Inert Gas welding processes will also be studied and used where appropriate.

Engineering Graphics/CAD

Grade 10 - 12

½ credit

Engineering Graphics/CAD is a course for students interested in learning about traditional mechanical drawing principles and basic Computer Aided Drafting used in industry. This class is a concurrent credit course worth 3 credits at Pratt Community College. Tuition is paid by USD 382.

Power and Energy

Grade 10 - 12

1 credit

This class is designed to study the source, conversion, transmission, control and use of energy. The four basic types of energy systems will be studied. Most of the student's time will be spent in the shop working on various projects and activities. These projects and activities will include building a simple machine, an electric motor, an electrical kit, and overhauling a small gas engine.

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

Auto I**Grade 10-11****1 credit**

This class is designed to expose and introduce students to the automobile and its various systems, construction, components and repair procedures. It is intended to be a course that the student can use to gain practical knowledge to maintain and repair their vehicles, or as an entry level course in the career of auto mechanics. The students will spend time studying theory in the classroom, but the majority of the time will be spent in the shop with the students working on their cars performing various repairs and vehicle maintenance. In addition to PHS credit, the student will have the opportunity to sign up and receive credit from Pratt Community College at no charge, if they would like to.

Auto II**Grade 11 - 12****1 credit**

Prerequisite: Must pass Auto 1

Auto II is a continuation of Auto Mechanics I. Students will continue with their study of the automobile and its various systems, construction, components, and repair procedures. This is intended to be a course that the student can use to continue to gain practical knowledge to maintain and repair them, or as a vehicle continuation in the career of auto mechanics. The students will spend time studying theory in the classroom, but the majority of the time will be spent in the shop with the students working on their cars performing various repairs and vehicle maintenance.

Careers / Job Skills / General Electives

Exploring Careers**Grade 9-12****½ credit**

What do you enjoy? What are you good at? What do you want to do with your life? This course will help students begin to explore the answers to these questions. Students will experience a variety of career areas through role playing, written exercises, game activities, Internet with classmates and community members. This class will teach you how to make decision, set goals and plan for your future.

Work Study (2nd semester only)**Grade 12****½ credit**

Miscellaneous—Workplace Experience courses provide students with work experience in a field related to their interests. 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. Note: if the particular subject area is known, use the code associated with the Workplace Experience course within that subject area.

Teacher Aide (A and/or B)**Grade 12****½ credit or 1**

Prerequisite: Teacher and Principal permission

This graded course is offered for the students who may wish to assist a teacher in various tasks. The teacher will have a description of duties required of an aide and these duties must be performed in order for the student to get credit in the course. A teacher may have only one aide per semester. Aides may assist teachers throughout the district.

Office Aide (A and/or B)**Grade 12****½ credit of 1**

Prerequisite: Principal permission

This graded course is offered for the student who may wish to assist the office staff in various tasks such as the delivery of messages and materials to rooms, running the copy machine and other duties as assigned by the secretaries or principals.

Independent Study (A and/or B)**Grade 12****½ credit of 1**

Prerequisite: Teacher and Principal permission

A student may take a course with teacher and principal permission that is taught at a time that cannot be scheduled by the student or a course, which is advanced beyond the course offerings.

*Courses that are recognized for Qualified Admissions

!Courses that are recognized for Kansas Scholars Completion

JAG/JOBS FOR AMERICA'S GRADUATES

JAG (A and B)

Grade 9 - 12

1 credit

Jobs for America's Graduates (JAG) is a state-based national non-profit organization dedicated to preventing dropouts among young people who are most at-risk. In more than three decades of operation, JAG has delivered consistent, compelling results – helping nearly three-quarters of a million young people stay in school through graduation, pursue post secondary education and secure quality entry-level jobs leading to career advancement opportunities.

GATE Elective

SPARC3 (A and/or B)

Grade 9-12

½ credit or 1

Students Progressing through Academic and Rigorous Content Curriculum and Community service.

This course is designed to help guide independent instruction on specific individual projects. Students with gifted IEP's are encouraged to take this course to progress through their individual goals established on the IEP. Students without IEP's will be required to determine a semester/year long project, completing their project by the end of the grading period. All students must have prior written approval from the gifted facilitator.