

*****AIDE*****

TEACHER AIDE **12 1 CREDIT**

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 **12 1 CREDIT**

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.

*****ART*****

FUNDAMENTALS OF ART **9 1 CREDIT**

Fundamentals of Art is designed to allow the freshman art student a basic experience in all of the principles and elements of design. A strong emphasis is placed upon the development of judgment in the arts allowing for optimum creative expression using visual and hands-on experiences in the following areas: Design, drawing, and sculpture. Media that will be used within these areas are pencil, ink, felt tip pen, and chalk drawing, numerous man-made and found objects for sculpture. Students will progress through the steps of shading values, using several different techniques and medias.

ART I **10 1 CREDIT**

Art I is designed to introduce high school students, that have interests in art to specific techniques in drawing, painting, ceramics, and sculpture. Instruction is directed toward the development of the student's range of abilities and interests. Examples of techniques explored but not limited to will be pointillism, bubbism, colored pencil variations, contour, directional lines drawing, dry brush, sponge, and wet technique in painting, hand building in ceramics, construction in sculpture.

ART II **11 1 CREDIT**

Prerequisite: Art I

Art II is designed to use the basic experience of all of the principles and elements of design. The emphasis will focus on design awareness through each student's individual projects. Quality and professionalism of each student's work is stressed for those interested in continuing the study of art. The areas explored will involve drawing, painting, ceramics, sculpture, jewelry, and pastel.

ADVANCED PROJECTS **12 1 CREDIT**

Prerequisite: Art II and teacher permission

Advanced projects is designed for students with two or more years experience in art. The course is designed for the student with a high interest in art as a hobby or career. These

students are directed to explore, on an individual basis, all the areas of the visual arts in the studio. One project per 9 weeks must be presented as a finished professional product, matted and/or framed, ready to hang. A portfolio of light high quality projects will be made available for a show at the end of the school year. Ceramics and jewelry are required media areas in which advanced students will experiment and create.

*******BUSINESS EDUCATION*******

KEYBOARDING **9 1/2 CREDIT**

Keyboarding is designed to develop basic skills in keyboarding and using the computer for personal applications. The semester course, which is identical to that offered at LMS, will include instruction in correct keyboarding techniques as well as an introduction to word processing. Students must successfully complete a semester keyboarding course in either middle school or high school before enrolling in other computer classes.

COMPUTER APPLICATIONS **PC Lab** **9 – 12** **1 credit**

Prerequisite: Keyboarding

This year long course is designed to improve and expand a person's keyboarding and computer skills. It will give students experience in using computers in the various ways they may be used in personal and business settings. It will include instruction in preparing numerous types of documents, as well as instruction in word processing, spreadsheet, database, integrated software, Internet, presentation software, and computer literacy. A prior knowledge and skill of how to use the keyboard correctly is essential for success in Computer Applications. This course is designed to meet the Regents' year computer requirement as well as the PHS graduation requirement.

COMPUTER APPLICATIONS **PC Lab** **11-12** **1/2 credit**

Prerequisite: 1 credit of Computer Applications

This semester course is designed specifically to give Junior/Senior students the opportunity to receive college credit for the computer skills they have developed. It will include instruction in Microsoft Word, Excel, Access, and PowerPoint. A prior knowledge and skill of how to use the keyboard correctly and an understanding of Microsoft Office is essential for success in this course. This is a concurrent credit course for Juniors/Seniors, worth 3 credits at Pratt Community College.

DESKTOP PUBLISHING **PC Lab** **10-12** **_ credit**

Prerequisite: 1 credit of Computer Applications

Students will receive hands-on experience in desktop publishing using In-Design to learn graphic design techniques and page layout. Students will have the opportunity to produce professional publications including programs, newsletters, brochures, flyers, business cards, and letterheads.

WEB PAGE DESIGN **10 - 12 1/2 CREDIT**

Prerequisite: Computer Applications

This course focuses on the development of advanced computer skills using the Internet. Students will become familiar with the computer language HTML and various software programs while creating and designing web pages.

BUSINESS TECHNOLOGY

10 - 12 1/2 CREDIT

Prerequisite: Computer Applications

Students will develop skills related to employment in the business world. Skills covered include calculators, copy and fax machines, telephones, filing, human relations, travel and meeting arrangements, mailing and shipping, and computers.

MULTIMEDIA

10 - 12 1/2 CREDIT

Prerequisite: Computer Applications

Students will develop skills in video editing, photo editing, sound editing, and presentation concepts. Multimedia equipment such as scanners, digital cameras, and camcorders will be used along with computer software to produce video presentations.

BUSINESS LAW

10 - 12 1/2 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.

ACCOUNTING I

11 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.

COMPUTERIZED ACCOUNTING II

11 - 12 1/2 CREDIT

Prerequisite: Accounting

Students apply knowledge of accounting fundamentals learned in Accounting I to complete microcomputer applications. The student will complete accounting cycle programs, financial management decision programs, computer accounting simulations, and computer application used in today's business. This course gives students a realistic approach to the mechanics of accounting in today's automated office.

COMPUTER TECHNOLOGY II/ IN HOUSE TRAINING **11-12 1 CREDIT**

Prerequisite: 4 semesters of skills classes and instructor permission

This course involves the development of competency in the performance of office duties as well as employable work habits and personality traits. By performing actual work projects, students are exposed to the procedures, which are relevant to general office work and to the current technology used to perform office tasks. Assignments in this class will focus on actual job activities. A student must successfully complete at least 4 semesters of business skills courses before taking the course. Web design, power point presentations, memory book for Prom, and program for scholarship banquet are just a few of the projects that students will complete. Students will learn to be goal orientated,

create time lines for completion date of projects and work with others to accomplish these goals.

COMPUTER NETWORKING I

11 1/2 CREDIT

Prerequisite: Keyboarding and Computer Applications

This course focuses on network terminology, protocols, local-area networks (LANS), wide-area networks (WANS), Open System Interconnection (OSI) models, cabling, cabling tools, routers, router programming, Ethernet, Internet Protocol (IP) addressing and network standards. This class is a concurrent credit course worth 3 credits at PCC. Tuition is paid by USD 382.

COMPUTER NETWORKING II

11 1/2 CREDIT

Prerequisite: Computer Networking I

The second course in networking still covers basics about computer networks but focuses on router configuration. This class is a concurrent credit course worth 3 credits at Pratt Community College. Tuition is paid by USD 382.

COMPUTER NETWORKING III

12 1/2 CREDIT

Prerequisite: Computer Networking II

Computer Networking III is the third of four courses leading to Network+certification. The course will focus on Ethernet switching, Virtual LAN (VLANs), and Intermediate Routing Protocols. Particular emphasis is given to students being able to demonstrate the ability to apply learnings from Computer Networking I and II. This class is a concurrent credit course worth 3 credits at Pratt Community College. Tuition is paid by USD 382.

COMPUTER NETWORKING IV

12 1/2 CREDIT

Prerequisite: Computer Networking III

Computer Networking IV is the last of four courses leading to Network+certification. Because of the increased popularity of the Internet, having TCP/IP expertise can pave the way to a lucrative, challenging, and rewarding career. Even if your organization doesn't connect to the Internet, you will probably need to master TCP/IP to manage your network. This course will focus on TCP/IP technology and how these networks are managed, maintained, secured, and analyzed. This class is a concurrent credit course worth 3 credits at Pratt Community College. Tuition is paid by USD 382.

*******DRIVERS EDUCATION*******

DRIVERS EDUCATION

9 1/2 CREDIT

Pratt High School offers Drivers Education each semester and during the summer. This course consists of classroom instruction, actual driving and observation. To enroll in this class a student must be at least 14 years of age, pass a vision exam and have the physical skills necessary to safely operate an automobile.

*******FAMILY AND CONSUMER SCIENCES*******

NUTRITION AND WELLNESS

10-12 1/2 CREDIT

The Nutrition and Wellness class focuses on providing students with an understanding of how health and nutrition helps them have meaningful lives and careers. The course is taught by the FACS instructor. Students will do problem solving during the class. Some of the topics covered are: time management, teamwork, stress management, nutrition over the life span, personal safety, nutrition labeling, goal setting, obesity and body composition, fitness planning, Careers relating to Nutrition are explored.

FAMILY AND CONSUMER SCIENCES (FACS)

9 1/2 CREDIT

FACS is an introduction to all areas of life skills. Topics that will be covered relates to the family, communication at and away from the job, childcare and development, nutrition and food management, textiles, housing, money management and many hands-on projects are included in this course.

FOOD MANAGEMENT

10 1/2 CREDIT

Food Management focuses on preparing individuals to understand the nutritional value of food and its functions in maintaining a healthy body. The function of nutrition in the body, meal management, in helping to balance work and family roles, and food economics. Preparation of different foods will be included. Teams including two to three students will plan, prepare, and serve different foods. Nutrition careers will be explored.

PARENT/CHILD EXPERIENCE

10 1/2 CREDIT

Parent/Child Experience is designed to help students understand children and interact with them in a meaningful way. Physical, emotional, and social development of the child from ages one to six will be explored. Decision making skills will be used. Students will have the opportunity to plan and prepare developmental activities for children. Careers relating to children will be explored.

HOUSING - INTERIOR DESIGN

10 1/2 CREDIT

Housing and Interior design will help the student understand housing needs as they relate to an individual or family. A study will be made of factors to consider in buying or renting housing. Art principles that apply to decorating a home will be explored. The financing procedures for purchasing housing will be discussed. Selection of furniture, accessories, appliances, floor plans, painting, wallpaper, etc., will be explored. Careers relating to housing and interior design will be explored.

PARENTING/BALANCING WORK AND FAMILY

12 1/2 CREDIT

Parenting/Balancing work and Family will help the student focus attention on the adjustment and changes that take place in family relations when children become part of the family. This includes instruction in child development, parenting practices, grandparenting, family crisis, and economics issues. Balancing work and family issues are an integral part to the course. This is a discussion based class. How does a single parent meet the needs of other family members? How do I deal with my extended family? What should a couple consider before starting a family? These are a sample of questions that will be discussed in class. Careers relating to work and family will be explored.

TEXTILE AND APPAREL

10 1/2 CREDIT

Textile and Apparel focuses on preparing the individual to make informed decisions when dealing with clothing and other textiles issues. The study of the psychology of clothes, textiles, design elements, fashion designer, fashion promotion and visual merchandising will be covered. Exploration of new techniques of construction are explored. Students will develop skills ranging from operating a sewing machine to using the latest computerized equipment. Projects will be a big part of this course. Management of time and resources will be explored. Careers relating to Textiles and Apparel.

CONSUMER EDUCATION

10-12 1/2 CREDIT

Today, more than ever before, individual family consumers are faced with certain fundamental questions. How can they keep up with the rising cost of living? What are the basic economic principles that they should apply to spending decisions? How can they cope with the increasing complexity of the market place and the goods and services it offers? Most fundamental of all, how can they distinguish between wise and unwise buying decisions? To handle these questions the consumer today must be informed.

The major objective of Consumer Education is to help consumers become informed. To meet this main objective, Consumer Education focuses on issues that you may encounter during your school years and adult life. After the course you should be able to demonstrate an understanding of the following concepts and skills:

1. How our economy functions.
2. How to make purchases wisely.
3. How to manage money to the best advantage.
4. How to guard against fraudulent or deceptive practices.
5. How to be socially responsible.

*******FOREIGN LANGUAGE*******

Reminder: Completion of 2 years of the same foreign language is one of the requirements to be named a Regents state scholar. 2 years are NOT required for graduation.

FRENCH I

9-12 1 CREDIT

French I is an in-depth study of the French language. Approximately 800-1000 vocabulary words of high interest to high school students are presented. Ability to memorize and understanding of English grammar concepts are characteristics of second-language learners. The culture of French speaking countries is studied as an integral part of the curriculum. College-bound students or those with at least a B in English classes are especially encouraged to enroll. Daily participation is critical to success in foreign language.

FRENCH II

10-12 1 CREDIT

Prerequisite: Grade “B” in French I and teacher permission

Building on the knowledge acquired in French I, the student learns more technical grammar, adds to his/her repertoire of verb tenses, and doubles his/her vocabulary.

Better pronunciation is expected than in French I. Reading and writing are stressed more than in French I. Study of French speaking cultures is continued.

SPANISH I

9-12 1 CREDIT

Spanish I is an in-depth study of the Spanish language. Approximately 800-1000 vocabulary words of interest to high school aged students are presented. Ability to memorize and understanding of English grammar concepts are characteristics of second-language learners. Grammar basics are stressed as well as good pronunciation. The Hispanic culture, as compared to our American culture, is studied as an integral part of the curriculum. College-bound students or those with a B in English performance in their grade are especially encouraged to enroll. Daily participation is critical to success in any foreign language.

SPANISH II

10-12 1 CREDIT

Prerequisite: Grade "B" in Spanish I and teacher permission
Building on knowledge acquired in Spanish I, the student learns more technical grammar, adds to his/her repertoire of verb tenses, and doubles his/her vocabulary. Better pronunciation is expected than in Spanish I. Reading and writing are stressed more than in Spanish I. Study of Hispanic culture is continued.

GERMAN I

9-12 1 CREDIT

German I is an in-depth study of the German language. Vocabulary of interest to high school aged students is studied. Grammar basics are stressed as well as good pronunciation. The culture of German-speaking countries, as compared to our American culture, is studied as an integral part of the curriculum. College-bound students or those with a B in English performance in their grade are especially encouraged to enroll. Daily participation is critical to success in any foreign language.

GERMAN II

10-12 1 CREDIT

Prerequisite: Grade of "C" in German I and teachers permission
Building on knowledge acquired in German I, the student learns more technical grammar, adds to his/her repertoire of verb tenses, and doubles his/her vocabulary. Reading and writing are stressed more than in German I. Study of German culture is continued.

*******INDEPENDENT STUDY*******

INDEPENDENT STUDY

12 1 CREDIT

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.

*******LANGUAGE ARTS*******

ENGLISH I**9 1 CREDIT**

English I is a course which integrates reading, writing, and literature skills to provide a foundation for all other English courses throughout high school. Students read a variety of classic and contemporary short stories, novels, poetry and plays. The five paragraph essay is the basic writing model and is expanded through a research project. A student must pass at least one semester of English I before enrolling in English II.

ENGLISH II**10 1 CREDIT**

The main emphasis of this second year-long course in English is to build upon the skills introduced in English I. Development in language skills and the five paragraph essay form are reviewed and refined. Narrative, expository, persuasive reading and writing skills are practiced. Students also read a classic novel and a variety of classic plays and short stories for analysis and composition. A research project is written. This course prepares students for the more advanced work at the junior/senior level.

ENGLISH 1-2**9 1 credit**

English 1-2 is an advanced class for freshmen who meet prescribed criteria for advance placement (see administrator for criteria). The class covers the major literature and writing assignments of both English 1 and English 2. a passing grade in the class is one English credit and exempts students from English 2.

COMPOSITION I**11 1/2 CREDIT**

This course emphasizes improving writing skills. Objectives include improving spelling, broadening vocabulary, varying sentence structure, organizing information, and defending ideas. Writing projects and writing skills are integrated into the study of novels. In this course, students will complete paragraphs and 5 paragraph essays.

COMPOSITION II**11 1/2 CREDIT**

This course offers students a variety of writing formats: descriptive, narrative, persuasive, poetry. Emphasis is placed on content, structure, and mechanics. Weekly vocabulary lessons are included. Different genres are the basis for critical writing in response to literature is also part of class activities. Students have an opportunity to improve their writing skills in preparation for college-bound composition classes.

COLLEGE BOUND COMPOSITION I**11 1/2 CREDIT**

This course is designed to prepare students for college composition. Students will read models of good writing and write various types of essays including narrative, compare/contrast, argumentative, cause/effect, definition, description, example, and literary analysis. A review of grammar, spelling, and vocabulary will be embedded in the writing process. Novels will be read for literary analysis. This course may be taken for credit at Pratt Community College. ASSET Scores must be: Writing Skills=40, Reading Skills=40, or ACT English=18.

COLLEGE BOUND COMPOSITION II**11 1/2 CREDIT**

Prerequisite: College Bound Composition I

This course is a continuation of College Bound Composition I. Students will write various types of essays as explained in the previous course description. The writing and literature will be of a more difficult nature. This course may be taken for credit at Pratt Community College. ASSET Scores must be: Writing Skills=40, Reading Skills=40, or ACT English=18.

STANDARDS ENGLISH

9-12 1/2 CREDIT

Placement is made upon inability to meet proficiency on the state reading assessment in grades 8, 10, and 11. This course takes the place of an elective class and is not a substitute for a required English credit. This course is required for students who took the state reading assessment and scored below proficient. This course will focus on remediation of reading skills using standards, benchmarks and indicators from the state reading assessment curriculum. Basic test preparation skills and strategies will also be taught to improve overall test taking ability. Only elective credit will be awarded for this course. Students will not receive reading/English credit.

CREATIVE WRITING

11 1/2 CREDIT

Creative Writing is an introductory course where students concentrate on the process of imaginative writing. After exploring examples of high quality professional writing, students apply the learned concepts to produce original works including various forms of poetry, mobiles, creative essays, short stories, and cartoons.

MEDIA WRITING

9 1/2 CREDIT

Prerequisite: Teacher recommendation.

Media Writing offers a variety to the composition offerings. Journalistic writing for newspaper, yearbook, magazine, and broadcasting will take front stage with instruction in proper styles for each. Needed computer skills and digital photography techniques will give hands on experience to the students. Students will write features, sports stories and editorials preparing scripts for television news production and formatting information programs. Guest speakers will come to share actual job experiences in these areas. The class will visit area newspapers, magazine publication firms and TV stations. This course is strongly recommended as a prerequisite for the Newspaper and Yearbook publications classes.

MODERN LITERATURE

11 1/2 CREDIT

This course is a study of literature written after 1900. Students will study how modern psychology, technology, and warfare have influenced world authors. Class assignments and projects will center around interpretation and critical analysis of short stories, novels, and plays in this time period.

ENGLISH LITERATURE

11 1/2 CREDIT

English literature gives students the opportunity to study England through literature. Areas of study are the Anglo-Saxon Period, the Medieval Period, the Renaissance, the Romantic Age, Victorian England, and the Twentieth Century. Major authors of study are Shakespeare, Daniel Defoe, Wordsworth, Coleridge, Shelley, Keats, Lewis Carroll, and Aldous Huxley.

SHORT STORIES**11 1/2 CREDIT**

Students will read, consider, and respond to a wide variety of short fictional works by noted authors from around the world. An emphasis is placed on learning analytical and interpretive skills through participating in class discussions and writing personal responses. The semester culminates with a comprehensive analytical paper.

AMERICAN LITERATURE**11 1/2 CREDIT**

American Literature is a chronological study of American literary heritage. Students will trace the progression of American literature from the Colonial Period through the Twentieth Century. The curriculum includes poetry, drama, short stories, and novels. Major authors of study are Upton Sinclair, Nathaniel Hawthorne, Thoreau, Emerson, Arthur Miller, Ernest Hemingway, William Faulkner, Pearl S. Buck, and John Steinbeck. Concurrent credit.

SHAKESPEARE**11 1/2 CREDIT**

Students will read the best known plays of William Shakespeare. Included in the offerings are Hamlet, King Lear, Macbeth, Othello, Merchant of Venice, A Midsummer Night's Dream, and The Tempest.

MYTHOLOGY**11 1/2 CREDIT**

Mythology is an introductory course exploring the elements of myths from various cultures throughout history. A strong emphasis is placed on classical Greek mythology. The semester culminates with a detailed study of Homer's Iliad, a screening of *Troy*, and a final semester project.

INDIVIDUALIZED READING**11 1/2 CREDIT**

Students will read books from a prepared list of fiction and non-fiction works. This list ranges from classic to contemporary literature for all levels of ability and interests. Students will read at their own pace and keep a daily record of their reading. Grades are based on the number of book points accumulated each nine weeks. To receive an A or a B, students will also write a report.

PUBLICATIONS: YEARBOOK**11 1 CREDIT**

Prerequisite: Application and teacher selection

This course is designed to teach students the basics of yearbook production including copy, headline, and caption writing, theme development, photography, advertising, and layout design. Students are responsible for producing the Frog Log, the school yearbook, incorporating these skills to develop yearbook with fall delivery. Microsoft Word and Adobe Creative Suite will be used for the yearbook production. Computer experience is preferred.

PUBLICATIONS: NEWSPAPER**11 1 CREDIT**

Prerequisite: Application and teacher selection

This course is designed to teach students the basics of newspaper production including news, editorial, sports, headline, and cutline writing. Additionally, skills in digital

photography, advertising and elements of newspaper design are learned. Newspaper students work on staff to produce the *Mirror*, a monthly school newspaper. Adobe InDesign, Illustrator, and Photoshop are used for newspaper production. Computer experience is preferred.

COMMUNICATIONS

11 1/2 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.

DEBATE

9 1/2 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.

FORENSICS

9 1/2 CREDIT

Forensics, offered second semester to coincide with the KSHSAA sanctioned forensics tournaments and festivals, gives students class time to work on their events for this activity and receive as much coaching time as is possible, depending on the number of students in each section. Students may compete in one or more of the following categories: Duet acting, solo acting, interpretative reading of prose and poetry, improvisational duet acting, oratory, informative speaking, and extemporaneous speaking. Participation in one-act plays is dependent on the student's availability for after school practice. All forensics students are expected to compete, as assigned, in interscholastic tournaments and to assist in the annual PHS forensics tournament. The first year in this class is open to all those who meet the KSHSAA eligibility requirements. Advanced forensics students must have the teacher's permission to enroll.

*******LIBRARY SCIENCE*******

LIBRARY SCIENCE

11 1 CREDIT

Prerequisite: 2.0 or above G.P.A. & Permission from the instructor

Students will learn arrangement of library materials, use of basic research tools, and aid the librarian in technical and circulation procedures. Emphasis is placed on the responsibilities of library service and service to faculty and students.

*****MATHEMATICS*****

STANDARDS MATH

9-12 1/2 CREDIT

Placement is made upon inability to meet proficiency on the state math assessment in grades 8, 10, and 11. This course takes the place of an elective class and is not a substitute for a required math credit. This course is required for students who took the state math assessment and scored below proficient. This course will focus on remediation of math skills using standards, benchmarks and indicators from the state math assessment curriculum. Basic test preparation skills and strategies will also be taught to improve overall test taking ability. Only elective credit will be awarded for this course. Students will not receive math credit.

APPLIED ALGEBRA

9 1 CREDIT

In Applied Algebra you will learn through contextual learning, hands-on experiences, and applications of Algebra in real-life and workplace situations. You will learn to solve equations using unknown factors and applications to problem solving situations. You will apply Algebra concepts through your own concrete experiences, making math both useful and relevant to your life and future.

ALGEBRA IA

9 1 CREDIT

Prerequisite: Pre-Algebra (scientific calculator)

Algebra IA is a 1/2 semester of Algebra I spread out into a full year class. This class is for those students that struggled with Pre-Algebra and need a slower pace and alternative instruction for Algebra I concepts. Solving equations using unknown factors and applications to problem solving situations is stressed.

ALGEBRA IB

10 1 CREDIT

Prerequisite: Algebra IA (need a scientific calculator)

Algebra IB is the 2nd semester of Algebra I spread out into a full year class. This class is the completion of Algebra I and covers properties of numbers and applications of concepts to prepare a student to advance to higher level of math classes.

ALGEBRA I

9 1 CREDIT

Prerequisite: C or better in Pre-Algebra (graphing calculator suggested or scientific calculator)

Algebra I is an introductory level mathematics course. Solving equations using unknown factors and applications to problem solving situations is stressed. An introduction to the properties of numbers prepares a student to advance to high level math classes.

ALGEBRA II

9 1 CREDIT

Prerequisite: C or better in Algebra 1A & B & Geometry or Algebra 1 & Geometry Applied Algebra & Applied Geometry (graphing calculator required)

Algebra 2 examines functions through multiple representations, such as graphs, tables, and symbolic notation. Working with transformations (investigating how functions are related to each other and their parent functions) prepares students for advanced courses in mathematics by developing an extensive, workable knowledge of functions. Since the graphics calculator is required, students experience excitement as the use “real” data in Algebra 2. Students investigate and extend relevant applications through engaging activities, examples, and exercises. In Algebra 2, the graphics calculator is an integral tool for presenting, understanding, and reinforcing concepts.

APPLIED GEOMETRY

10 1 CREDIT

Prerequisite: Must of had or Algebra 1, Algebra A & B.

In applied Geometry you will learn through contextual learning, hands-on experiences, and applications of real world situations. This course of study will include definitions, properties, angles, polygons, circles, probability, statistics, discrete mathematics, algebra concepts, trigonometry, and deductive proofs. It will challenge students to apply abstract geometrical concepts to the real world and to develop problem solving skills and strategies.

GEOMETRY

9 1 CREDIT

Prerequisite: Algebra I 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.

PRE-CALCULUS

12 1 CREDIT

Prerequisite: C or better in Algebra II and Geometry. ASSET IAA score of 39 or ACT Math 22 (graphing Calculator required)

The main goal of this class is to prepare students for both college algebra and calculus. This class is an upper level mathematics class and should be taken by college bound students who have an interest in math and/or science, business, engineering or pre-medicine. College Algebra topics such as functions and their graphs, matrices, and the six trigonometry functions will be studied.

This class could be a concurrent credit course worth 4 hour from Pratt Community College.

TRIGONOMETRY

12 1/2 CREDIT

Prerequisite: C in College Algebra

Students would include those similar to the ones in college algebra. It is necessary to have had a course in trigonometry before starting Calculus I or Physics. Trigonometry may be taken concurrently with Calculus I. This course is a study of trigonometric functions as related to triangles and real numbers, logarithms, complex numbers, etc. Trigonometry may not transfer in an engineering or mathematics curriculum. This class

can be a concurrent credit course worth three hours from Pratt Community College.
Tuition will be charged

COLLEGE TRIGONOMETRY **12 1/2 CREDIT**

Prerequisite: College Algebra with C or better. Asset IA Score 43, ACT Score of 24, Compass Algebra 67

Students would include those similar to the ones in college algebra. It is necessary to have had a course in trigonometry before starting Calculus I or Physics. Trigonometry may be taken concurrently with Calculus I. This course is a study of trigonometric functions as related to triangles and real numbers, logarithms, complex numbers, etc. Trigonometry may not transfer in an engineering or mathematics curriculum. This class can be a concurrent credit course worth three hours from Pratt Community College. Tuition will be charged.

COLLEGE ALGEBRA **12 1/2 CREDIT**

Prerequisite: Junior or Senior. Any one of the following: a) ASSET IAA score of 42+, CAA - 41-55 or b) ACT Math 23.

A study of graphs, relations and functions, complex numbers, systems of equations, solutions of high degree equations, exponential and logarithmic functions and other selected topics will be covered. This class can be a concurrent credit course worth three hours from Pratt Community College. Tuition will be charged.

ANALYTICAL GEOMETRY AND CALCULUS I **12 1 CREDIT**

Prerequisite: College Algebra and Trigonometry with a C or better (graphing calculator required.)

This course offers a deeper study in the field of mathematics. Students who plan on going into engineering or computer related fields would find this class helpful at the collegiate level. The topics covered include further study of algebraic concepts while adding limits, differentiation, and integration.

*******MUSIC*******

BAND **9 1 CREDIT**

Band is a performance and competition oriented class open to all students with previous instrumental music experience. The marching band performs at all home football games, several parades, and marching contests. The concert band performs several concerts and at contests. Smaller groups formed from within the band that perform at various times are: Pep band, jazz ensemble, other small ensembles and possible solo work. With the help of students fundraising efforts, the PHS Band also takes a major trip once every four years to an out-of-state location. A student may earn a PHS "letter" award in band by fulfilling certain criteria. A senior student may earn a diploma endorsement in band if they are enrolled in band for eight semesters and meet additional criteria.

JAZZ BAND **9 1 CREDIT**

Jazz Band is a music enrichment class exploring Jazz styles of music. Musicians will be accepted based on the instrumentation of a typical jazz band: Brass, Saxes, Percussion,

and Piano. The Jazz Band will learn to perform music featuring the styles of “Pop,” “Rock,” and a variety of Jazz styles. Travel to festivals and concerts, both locally and within the state, is a possibility with this band.

MUSIC APPRECIATION **9 1 CREDIT**

This course is designed to prepare students for Robed choir. Much emphasis is given to the technical aspect of vocal music, with special attention given to tone production and diction. Concert Choir is a performing choir with a minimum of three performances a year. Ensembles are selected from this group to participate in the district and state festivals.

ROBED CHOIR **9 1 CREDIT**

Prerequisite: Teacher permission through audition

Robed Choir is a performance oriented group with members selected through auditions. The choir performs several concerts during the year and also participates in the state music festival. Members from Robed Choir are selected for Pratt High Singers and other ensembles. Members also have the opportunity to audition for solos which are taken to the regional and state music festivals and to audition for the district and state KMEA honor choirs.

*******PHYSICAL EDUCATION*******

PHYSICAL EDUCATION **9 1 CREDIT**

The primary focus on PE I is the five components of physical fitness. Physical Education is an activity class. The class is designed to introduce students to the activities necessary to attain and maintain cardiovascular fitness, flexibility, muscle strength and endurance. A variety of lifetime sports and recreational activities are introduced. Health topics covered are: substance use and abuse, stress management, conflict resolution, lifestyle choices, and nutrition. Students are required to have the adopted uniform for participation in this class. The class is a co-educational class.

NUTRITION AND WELLNESS **9 1 credit**

The Nutrition and Wellness class focuses on providing students with an understanding of how health and nutrition helps them have meaningful lives and careers. This is not the typical Physical Education class. The course is taught by Physical Education and FACS instructors. Students are put into teams for problem solving and instruction. Some of the topics covered are: time nutrition labeling, conflict management, goal setting, obesity and body composition, eating disorders, risky behaviors, aqua aerobics, walking, aerobics, fitness planning, tennis, orienteering, and golf. Teaming and cooperating with others is taught. Careers relating to Nutrition and Wellness are explored.

WEIGHT TRAINING **10 1 CREDIT**

Weight training is a strength and conditioning development class. Students lift four days a week and do a conditioning/plyometric activity once a week. The workouts are computerized to match each person and are updated weekly to allow maximum progress.

This is a co-educational class. Students are required to wear the adopted uniform for participation in this class.

LIFETIME SPORTS

10 1 CREDIT

This is an activity class, that involves a variety of lifetime sports and recreational activities. Advanced skills and strategies of many games will be taught. The students will also get to experience several unique sporting activities. Students are required to wear the adopted uniform for participation in this class. This class is a co-educational class.

*******SCIENCE*******

EARTH SCIENCE

9 1 CREDIT

Earth Science involves the study of Earth and its neighbors in the solar system. Earth Science is very interdisciplinary, involving aspects of geology, chemistry, physics and biology. Topics include earth's materials, earth's surface, forces within the earth, historical geology, oceanography, cooperative learning to help students connect data to concepts..

SCIENCE PROJECTS

9 1 CREDIT

Prerequisite: Teacher/Principal recommendation.

Students can/will prepare for the following competitions: Eco-meet, Science Olympiad, and BEST. Students enrolled in this course could also develop science units to present to an audience (examples include elementary classes, school board or a civic organization.) Involvement in this class will necessitate presentations, cooperative and solo projects, problem solving, research and productivity.

ENVIRONMENTAL SCIENCE

10 1/2 CREDIT

Prerequisite: Explorations in Science

Environmental Science is the study of how humans interact with the natural world around them. Students will study areas of science dealing with ecosystems and the interaction between humans and land, space, water and air. The goal is to provide students with the skills and knowledge needed to analyze issues concerning the environment.

BIOLOGY

10 1 CREDIT

Prerequisite: Explorations in Science or Principal's recommendation

Biology is the study of life. Students will study the nature of science, cells, DNA, genetics, ecology, evolution, and simple organisms. Plants, invertebrates, and vertebrates will also be investigated. Students will learn through a variety of methods such as cooperative learning, group projects, research, labs, and experiments.

GENETICS

11 1/2 CREDIT

Prerequisite: Grade "B" in Biology & Algebra I or instructor permission

Genetics is a course offered during the second semester and will expand on the genetic topics covered in biology, as well as a variety of new topics including: DNA, traits, inheritance, diseases, genetic engineering and bioethics.

ZOOLOGY**11 1/2 CREDIT**

Prerequisite: Grade "B" in Biology or permission of the instructor

The Zoology course will include a more detailed look at the animal kingdom. Major emphasis will be placed on comparative anatomy and physiology as well as taxonomy and ecology of various species. Dissection and labs will be included to develop science skills and knowledge.

ANATOMY AND PHYSIOLOGY**11 1 CREDIT**

Prerequisite: Biology, having chemistry or concurrent enrollment is recommended

Anatomy and physiology is an advanced science course that will explore, in depth, the structures and functions of the organs and systems of the human body. Dissection of the fetal pig and labs are included to develop skills and knowledge related to the medical field. 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.

CHEMISTRY**11 1 CREDIT**

Prerequisite: General Science and Algebra I

This course is designed to teach the basic concepts of chemical theory with emphasis on atomic structure, periodicity of the elements, formula writing, nomenclature, chemical equations and stoichiometry. Topics include molecular theory, periodic law, oxidation number concept, mole concept, and oxidation reduction rules.

PHYSICS**11 1 CREDIT**

Prerequisite: Algebra II or teacher permission

Physics deals with the relationships and interactions between matter and energy. Topics include motion, forces, energy, heat effects, wave motion, sound, light, electricity, and magnetism. Each topic is examined both through hands-on, laboratory approach and through a problem-solving, mathematical approach.

*******SOCIAL SCIENCE*********WORLD HISTORY****9 1 CREDIT**

This class is a journey covering some of the cultures, civilizations, and people who made the biggest impact on advancing our global society. We will study key people, place, religions, and events beginning about 3500 B.C. and going well into the 20th century.

GLOBAL STUDIES**10 1/2 CREDIT**

Global Studies is a survey of the various geographic and cultural areas which comprise the world. The regional approach is used. For each region physical geography, historical background, and current events are blended to give students an overall perspective of the world.

SOCIOLOGY**10 1/2 CREDIT**

This course is a study of human social environments. Particular emphasis is given to the origin and nature of society and its institutions, general principals of sociology, and the influence of culture on the individual. This course will also focus on the study of human society including both social action and social organizations. Applications of these principles will be made to current social problems.

PSYCHOLOGY

10 1/2 CREDIT

This class will explore human behavior. The students will learn how psychology affects our everyday lives. The course involves experiments, individual discovery and discussion. The students will explore how various life events affect people's attitudes and behavior. Abnormal behavior and therapies will be studied.

U.S. HISTORY I

11 1/2 CREDIT

U.S. History I is a chronological survey of key developments in U.S. history from prehistoric times to 1900. Emphasis will be on social, political, and economic aspects of American culture. Upon completion of this course, the student will understand the basics of U.S. history to the turn of the 20th century.

U.S. HISTORY II

11 1/2 CREDIT

U.S. History II is a chronological survey of key developments in U.S. history since 1900. Emphasis will be on social, political, and economic aspects of American culture. Upon completion of this course, the student will understand the basics of U.S. history in the 20th century.

ECONOMICS

11 1/2 CREDIT

This required course is designed to benefit students in the areas of practical economic and basic economic knowledge. Areas studied are: capitalism, supply and demand, the government and the economy, business and labor, money and banking, investment, comparative economic systems, consumer law, fraud, consumer math, insurance and investment, money management, and transportation. Students also research a profession of their choice. The research culminates in an oral presentation to the class using visual aids.

GREAT AMERICANS

11 1/2 CREDIT

This course seeks the characteristics of great Americans. Areas of emphasis are: background, character and personality, other people's influence, and quotes. Subjects included: Harry Truman, Abraham Lincoln, George Washington, Edmond Ross, Eleanor Roosevelt, Amelia Earhart, and Ella Fitzgerald, Profiles in Courage and Jesse Owens. Students also select and research a great American of their choice. The research culminates into a written and oral report. The primary objective is to reach an understanding of the common and unique characteristics of great Americans.

AMERICAN GOVERNMENT

12 1/2 CREDIT

This course provides a survey of the fundamental concepts of the American system of government. Emphasis is placed on the American heritage, political participation, elections, state and local governments and the federal system. The executive, judicial and

legislative branches of the national government are examined in detail. In addition, current national and global issues are discussed.

TOPICS IN U.S. HISTORY

12 1/2 CREDIT

Prerequisite: Grade "B" in American History I & II or teacher permission

This is an advanced course for those who wish to examine U.S. history in greater detail. The course content varies from year to year as current issues evolve, new materials become available, and historical scholarship progresses. Three major themes are examined along with numerous minitopics.

CIVICS

9 1/2 CREDIT

This course explores what it means to be an informed, participating citizen in a democratic society. Students will examine their rights and responsibilities in state and local governments, the home and school, the economy and the world. By examining certain contemporary problems, students gain the ability to analyze critically the social and political issues of a democratic society.

*******STUDY SKILLS*******

STUDY SKILLS

9 1/2 CREDIT

Prerequisite: Teacher and principal permission

This course is designed for the student who feels he/she has a need to improve their study skills, which include study habits, test taking, organization, note taking and attendance. Individual needs are also addressed.

STUDY SKILLS- ACT PREP

10 1/2 CREDIT

Prerequisite: Credit by arrangement with teacher only

This course will help prepare students to take the ACT test. Test-taking strategies will be covered. Students will take comprehensive English, Mathematics, Reading, and Science Reasoning test reviews as well as real, timed ACT tests for practice.

*******TECHNOLOGY AND INDUSTRIAL EDUCATION*******

GENERAL TECHNOLOGY

9 1 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.

EXPLORING CAREERS

9 1/2 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 exploration and interaction with classmates and community members. This class will teach you how to make decisions, set goals and plan for your future.

PRINCIPLES OF TECHNOLOGY I**10 1 CREDIT**

Principles of Technology is a course in applied science for those who plan to pursue careers as technicians or who just want to keep pace with the advances in technology. It blends an understanding of basic principles with practice in practical applications. Good technicians are needed everywhere. This course will teach you the principles needed and provide your knowledge base for you to get, keep and excel in your future employment. This class is a concurrent credit course worth 5 credits at Pratt Community College.

PRINCIPLES OF TECHNOLOGY II**11 1 CREDIT**

Prerequisite: Principles of Technology I

Principles of Technology II is a continuation of Principles of Technology I for students who plan to continue their study in advanced technology principles. Topics covered are momentum, waves and vibrations, energy converters, transducers, radiation, light and optical systems, and time constants.

CABINETMAKING AND FURNITURE DESIGN I**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**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**11 1/2 CREDIT**

Welding I is designed for the beginning welder and its content is Shielded Metal - Arc Welding. Welding I will give the student practical experiences in Oxyacetylene welding in the flat position only. Oxyacetylene cutting processes are also covered. The course is specifically designed for the home workshop welder and an introduction into the welding career. This class is a concurrent credit course worth 3 credits at Pratt Community College.

WELDING II**11 1/2 CREDIT**

Prerequisite: Welding I

Welding II is designed to give the Welding I student additional experience in out-of-position welding with both Shielded Metal-Arc welding and Oxyacetylene Welding processes, use of different types of gas and fuel are explored and practice. The course is designed for the welder who may be looking for a career in this field. This class is a concurrent credit course worth 3 credits at Pratt Community College.

ADVANCED WELDING TECHNIQUES**12 1 CREDIT**

Prerequisite: Welding II

Advanced Welding Techniques is designed to give the student that is contemplating welding as a vocation, more insight into the welding field. More weld metallurgy, manipulative skills in pipe welding, and production welding will be experienced. The student will design and construct a project as a final welding experience.

ENGINEERING GRAPHICS/CAD

10-11 1 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.

ARCHITECTURAL DRAWING/CAD

11 1 CREDIT

Prerequisite: Engineering Graphics/CAD

Architectural Drawing/Computer Aided Drafting is a course in which students will design and prepare a set of house plans. The student will learn the fundamentals of traditional drawing along with computer applications of drawing technology. This class is a concurrent credit course worth 3 credits at Pratt Community College.

ADVANCED DRAFTING DESIGN

12 1/2 CREDIT

Prerequisite: Engineering Graphics/CAD

Engineering drawing has been an integral part of industry for many years. Traditionally, drafting instruments have been used by engineers to produce drawings. The preferred alternative now is to prepare drawings with the aid of a computer. This method is known as CAD (Computer Aided Drafting). This course will continue to teach standard principles of engineering drafting but the emphasis will be on doing this with the computer.

POWER AND ENERGY

10 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.**

AUTO 1

11 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

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 their, 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.

O.J.T. (On the Job Training)

12 3 CREDITS

Prerequisite: Teacher permission through application

The On the Job Training course is designed to help build occupational competency in work through comprehension of technical and related information basic to understanding and practicing of the occupation and development of human relations general knowledge essential for successful workers. This program further enhances skills necessary for successful employment in various areas of business and industry. Local training sites (employment) will be utilized to provide specific skill training to students. The employment will qualify for regular high school credits. Students may also be paid by the employer for this component of the class.