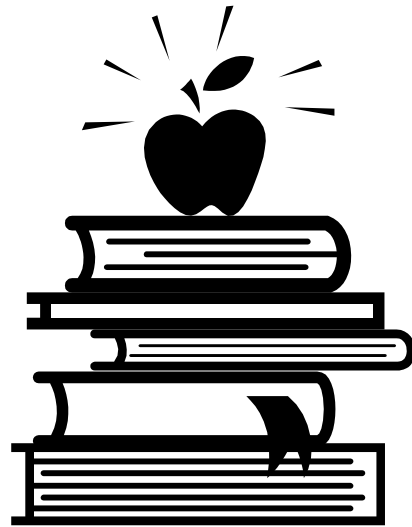


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***2009-2010***

Course  
Descriptions



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## PARKER HIGH SCHOOL COURSE DESCRIPTIONS

The following required and elective courses are offered at PHS as part of the regular curriculum. Each class is listed according to department as well as grade level and amount of credit. **Credits needed for graduation are listed after the department title.**

**LANGUAGE ARTS (4 CREDITS)**

**English 1** **Grade 9** **1 credit-Required**

**Composition/Grammar 1 .5 credit**

**World Literature .5 credit**

Mastery of the fundamentals of grammar and usage are first covered with an in depth study of phrases, clauses, and sentence structure. This follows with the development of paragraphs, descriptive & narrative essays, expository papers and a mini-research paper. Vocabulary exercises and daily oral language are also incorporated. The literature component explores the various genres of literature, with an emphasis on student comprehension and discussion on what literature reveals about the human condition – past, present, and future.

**English 2** **Grade 10** **1 credit-Required**

**Composition/Grammar 2 .5 credit**

The students will continue to use appropriate grammar, usage, content, organization, form and style in various academic, technical, business, creative and personal writing. This will be accomplished by learning to develop and analyze writings to include: informative, expository, persuasive, and entertainment writing. Students will study the 6+1 Traits of Writing in order to become proficient revisers and editors. Finally, the students will write a research paper and a persuasive paper in order to improve their researching abilities.

**Speech .5 credit**

Speech Communication is a semester-long course that prepares students for public speaking. Speech terminology, speech types, and speech techniques will be addressed in great detail. Students will prepare and deliver the following types of speeches: Introduction, Presentation, Acceptance, Narrative, Definition, Informative, Demonstration, and Persuasive. The Definition, Informative, and Persuasive speeches require topic research in order to write these speeches. Students will also study William Shakespeare's *Othello* in order to study, prepare, and deliver theatrical performances.

**English 3** **Grade 11** **1 credit-Required**

**Composition/Grammar 3 .5 credit**

The students will continue to use appropriate grammar, usage, content, organization, form and style in various academic, technical, business, creative and personal writing. There will be a strong emphasis on voice, vocabulary, organization, and detail based writing in order to distinguish among various audiences, purposes, and content of writings. Revision will be key to learning the above techniques. Students will write a comparison and contrast essay, comparing their ideas and opinions with those of the author. Finally, the students will write a research paper in order to improve their researching abilities.

**American Literature .5 credit**

American Literature is a semester-long course that focuses on the American authors from the colonial age through the contemporary age. Study will be given on the historical context of all reading materials. Students will be reading colonial poetry by Anne Bradstreet, a colonial essay by Jonathan Edwards, and the colonial-setting drama, *The Crucible* by Arthur Miller. Students will study Transcendentalism Literature by reading Ralph Waldo Emerson's "Self Reliance" and Henry David Thoreau's *Walden*. Students will complete a *Walden* Cabin Project and Philosophy of Life paper in conjunction with studying Thoreau's work. Mark Twain's *The Adventures of Huckleberry Finn* will be read to study Civil War literature. John Steinbeck's *The Grapes of Wrath* will be read to study Great Depression literature, and students will complete a scrapbook project that illustrates the historical context of Steinbeck's novel. Harper Lee's *To Kill a Mockingbird* will be read, and students will write a screenplay for the novel, cast the characters for the screenplay, and film the performance of the screenplay.

**English 4**

**Grade 12**

**1 credit-Required**

***Composition/Grammar 4 .5 credit***

The students will continue to use appropriate grammar, usage, content, organization, form, and style in various academic, technical, business, creative, and personal writing. Students will need to design various project documents: PowerPoints, brochures, web pages, business letters, resumes, and overall portfolios that encompass their knowledge of writing strategies and techniques. Constant revision and reemphasis will be required for improvement on the above and to emphasize the importance of standard mechanics, usage, and conventions in proper writing. The final writing will be an informative research paper using the MLA style.

***English Literature***

***.5 credit***

Major study is in the area of British literature and English grammar composition. The course is aimed at helping the students to write with confidence. While reviewing English heritage, students will review various problems in sentence structure, learn to develop and support an effective thesis statement, prepare a variety of essays, write analytical papers, and write research papers. Documentation styles will cover MLA and APA. Students will learn to evaluate and cite electronic sources. In addition, students will have opportunities to improve speaking skills and to learn to make presentations using PowerPoint. There will also be strong emphasis on vocabulary development.

**Novels**

**Grades 10-12**

**½ credit**

This course is designed to improve reading skills and to foster enjoyment of reading. Students will read several novels and will be evaluated through tests, projects, and dialogue journals. Provision is made for some personal choice of material.

*\*This course may meet a .5 credit literature requirement*

**Creative Writing**

**Grades 10-12**

**½ credit**

This course will allow students to express themselves in a number of different writing contexts including such genres as response writings, short stories and poetry. This student must be willing to be involved in group discussion as well as varied selections of material, some of which will be of their choosing.

*\*This course may meet a .5 writing requirement*

**MATHEMATICS** (High school graduation requirements depend on the graduation year; please see registration guide for specific requirements)  
(3 credits required for College Entrance – Algebra I and higher)

**Algebra 1**

**1 credit**

Algebra involves studying real numbers and variables. How to use equations to solve real life problems. Simplify, add, subtract, multiply and divide polynomials and square roots. Use everyday mathematical applications to solve problems. Learn methods of solving linear equations and inequalities. Graph and solve equations involving one and two variables. Students are expected to have scientific calculators.

**Geometry**

**1 credit**

*Prerequisite: Algebra 1*

Geometry involves studying the shape, size and position of geometric figures by using coordinates, transformations, measurement formulas, and three-dimensional figures and applying it to real life situations. Formal proofs are also introduced. This course also utilizes Algebra I skills such as solving linear equations and inequalities, graphing and solving equations involving one and two variables, and simplifying square roots. Students are expected to have a scientific calculator.

**Algebra 2**

**1 credit**

*Prerequisite: Algebra 1 and Geometry*

Advanced Algebra is a comprehensive and cohesive course that prepares students to use advanced algebraic concepts confidently in mathematics and in related disciplines. Students study matrices, conic sections, polynomial equations, and other special functions as tools for modeling real-world situations.

**Trigonometry/Pre-Calculus**

**1 credit (one semester of each)**

*Prerequisites: Algebra I, Geometry, Algebra II*

Further work with polynomial, exponential, logarithmic, and trigonometric functions. Enough trigonometry is available to constitute a standard pre-calculus background in trigonometry and circular functions. Algebraic and statistical concepts are integrated throughout and modeling of real phenomena is emphasized. Students use a function grapher, and statistics to explore relationships between equations and their graphs, generate and analyze data, and develop limit concepts.

**Consumer Math**

**1 credit**

The course is designed to prepare the student for their role as the consumer. The main focus is on basic computation skills and solving everyday consumer problems. They will study earnings, essential uses of income, savings, using banking services, wise credit use, financing, insurance, and taxes.

**Business Math**

**1 credit**

Students will be working to calculate monthly payments, loan options, insurance, budgets, taxes and general skills for everyday life.



**SOCIAL STUDIES (3 CREDITS)**

**World History** **Grade 9** **½ credit-Required**  
**Students will understand the emergence and development of world civilizations and cultures over time and place. They will analyze historical eras of World History to determine connections and cause/effect relationships in reference to chronology. They will evaluate the interaction of world cultures and civilizations, philosophies, and religions.**

**World Geography** **Grade 10** **½ credit-Required**  
This class will stress basic map skills and physical geography for the first seven chapters. This involves landforms, climates, and biomes. The second half of the book deals with cultural geography; which compares cultures around the world. Location will be highly stressed.

**American History** **Grade 11** **1 credit-Required**  
This American History course will try to get students excited about the past. They will experience history through the words, artwork, and music of the people who lived it. Students will gain an understanding of why certain actions were taken and how those actions affect the world today.

**American Government** **Grade 12** **1 credit-Required**  
This course will consider how the governmental system in America is organized, how it is controlled by the people, and how it works. Students will learn how their many rights have developed and changed, and they will gain knowledge on the need to be informed and involved citizens.

**Psychology** **Grades 11-12** **½ credit**  
This course will allow students to gain insight on why people act as they do. It will also cover motivation, thinking, learning, and memory. By the end of the course, students should have a better understanding of themselves and their actions.

**Sociology** **Grades 11-12** **½ credit**  
Sociology will help students develop an appreciation for social diversity. This will help them become more open to new ideas, lifestyles, and philosophies. This course will also help students develop a sociological imagination, which is the ability to see how their lives are shaped by the social environment and how their lives, in turn, help shape their social environment.

**Street Law** **Grades 11-12** **½ credit**  
**Distance Learning Course**  
Students will have a practical understanding of the law and the legal system. This course will promote awareness of current issues and controversies relating to law. It will improve understanding of the fundamental principles and values underlying our constitution, laws, and legal system. Students will improve their basic skills in critical thinking and reasoning, communication, and problem solving.

**COMPUTER SCIENCE****Computer Studies 1** **Grade 9** **½ credit-Required**

This course will cover advanced software applications in Microsoft Office, Publisher, Adobe Photoshop, database essentials with Access, and Microsoft FrontPage (web pages). Peripherals, such as digital cameras and scanners will be used to enhance the projects. Students will use problem-solving skills to complete projects, exercises and case studies that use these applications.

**Publications** **Grade 11-12** **1 credit****Prerequisite: Computer Studies 1**

This course provides skill development in the electronic procedures of producing and editing publications. Digital photography and photo editing will also be studied. Students will create, format, illustrate, design, edit/revise, and print publications. The students will produce newsletters, flyers, programs, and other publications during the year. Students will also design and produce the school's yearbook using desktop publishing software and the yearbook software.

**Advanced Computers** **Grade 11-12** **1 credit****Prerequisite: Computer Studies 1**

This class will be divided into two semesters. The first semester will consist of web page design using FrontPage and other programs including Flash, Fireworks, Dreamweaver, and Photoshop. The second semester will include web page programming and the study of programming using HTML, JavaScript and Visual Basic.

**HEALTH AND PHYSICAL EDUCATION****Physical Fitness** **Grade 9** **½ credit-Required****Non-Academic Credit**

A sound mind is strengthened by a sound body. Participation will be required of students in activities at all levels. The student will develop skills that will carry over to out-of-school activities, extracurricular activities, and lifelong fitness.

**BUSINESS EDUCATION****Accounting I** **Grades 11-12** **1 credit**

An understanding of the principles of the accounting cycle; from the recording of business transactions to the preparation of financial statements. Students will be able to keep accurate records needed for individual use and business.

**Accounting 2** **Grade 12** **1 credit**

Students will build on their knowledge of the accounting cycle covered in Accounting 1. The balance sheet accounts will be covered in more detail. Specific topics will include: capital assets; investments, accounting for partnerships and corporations, corporate reporting – income statement requirements, bonds and long-term debt.

**Personal Finance** **Grades 10-12** **.5 credit-Required**

As students prepare to move on, managing their money will be of extreme importance. This class will cover income, money management, spending, credit, saving and investment. This course develops life-long skills for making wise and sound financial decisions.

**Economics** **Grades 10-12** **.5 credit**

This course is an overview study of the nature of business activity in relation to the economic society, including how a business is owned, organized, managed and controlled. An introduction to the major business functions like production, marketing, account and financial management is included.

## **FOREIGN LANGUAGE**

**(Required for out-of-state colleges & universities and for the SD Opportunity Scholarship)**

*\*Spanish 1 and Spanish 2 are offered alternating years.*

### **Spanish 1**

**Grades 9-12**

**1 credit**

Goals in the classroom of a world language include speaking in the target language, reading material, writing patterns of language, understanding ideas and phrases, and developing an awareness and appreciation of heritage. Spanish 1, being the foundation, provides an introduction to and reinforces these objectives.

### **Spanish 2**

**Grades 9-12**

**1 credit**

Spanish 2 will constitute four major areas: vocabulary, conversation, pronunciation, and culture. Students will acquire an extensive vocabulary of Spanish words, will practice Spanish conversation skills, will learn correct pronunciation of sounds and words, and will learn about the Spanish culture. Students will learn Spanish articles, adjectives, plural forms, and verb conjugation. Students will learn to conjugate Spanish – ar, –er, and –ir regular and irregular verbs in the present, preterit, and future verb tenses. While learning verb conjugation, students will also learn the stem-changing verbs of “e” into “ie”, “o” into “ue”, and “e” into “i”. Reflexive verbs, possessions and direction object pronouns, direct object pronouns, and indirect object pronouns will be studied during Spanish 2.

## **FAMILY AND CONSUMER SCIENCES**

### **Preparation for Living**

**Grades 9-12**

**1 credit**

Living on your own can be an exciting and nerve racking experience. Prep for Living will introduce the student to a number of factors that become the individual’s soul responsibility when they move out on their own for the first time. Some of the areas covered will include nutrition, food preparation, being a wise and informed consumer, shopping within your budget, and housing needs. The course will also focus on family and friend relationships, as well as, child development and care.

### **Human Development & Parenting**

**Grades 10-12**

**½ credit**

The course will address the knowledge, skill, and attitudes associated with parenting that support optimal growth and development of children. Topics will cover parenting roles and responsibilities, providing a positive environment for development, language development, child abuse, and family structures and stressors. “Baby Think It Over” will make teens aware of parenting.

### **Interpersonal Relationships**

**Grades 10-12**

**½ credit**

This semester course is designed to provide students basic skills to demonstrate respectful and healthy relationships. Students will analyze personal needs, improve communication skills, and develop conflict and stress management skills that guide behavior in the family, workplace, and community.

### **Nutrition and Wellness**

**Grades 11-12**

**1 credit**

This course will address nutrition and wellness practices to promote individual and family well-being across the life span. This course will address the following topics: food science, technology, consumer and family resources, composition, preparation, safety, nutrition and wellness of individuals and families.

**ART (1 CREDIT)**

**Introduction to Art**

**Grade 9**

**½ credit-Required**

In this class you will experience the deep personal satisfaction that comes from discovering your creative self. You will learn to successfully create original, realistic and abstract pictures without copying. You will work with a wide variety of subjects. Explore the basic elements of art through the completion of different art projects: drawing mediums such as pencil, pen and ink, and pastels. Painting mediums such as acrylic, oil, airbrush, and watercolor. Ceramics through hand building and slip casting and develop projects such as screen-printing, scratchboard, animation art, and paper sculpture.

**Art II**

**Grades 10-12**

**1 credit**

Students will be allowed to experiment and focus on the creative processes and methods of more advanced projects. Students will learn the techniques of a wide variety of media, which may include drawing, painting, ceramics, crafts, computer art and design. This course will provide an appreciation and understanding of visual tools and principles, which lead to experimentation and creativity.

**Drawing and Painting**

**Grades 10-12**

**½ credit**

This class will detail the aspects of drawing and painting. The mediums of pencil, pen and ink, pastels, oil pastels, and scratchboard will be covered in depth in the area of drawing. For painting, the mediums of acrylic, oil, airbrush, and watercolor will be explored. It is a course that will refine techniques needed to be a success in the areas of drawing and painting.

**Ceramics and Crafts**

**Grades 10-12**

**½ credit**

Introduction to Art touched on the area of ceramics and crafts only slightly, but now this course offers a more detailed description of the basic techniques. Students will learn the techniques and materials needed to make ceramics and crafts. In the area of ceramics, the students will learn constructing pinch pots, slab and coil projects, slip casting, and the use of the pottery wheel. Crafts will stress the learning of techniques and materials needed to complete a wide variety of projects, such as: paper sculpture, animation art, screen-printing, and stained glass.

**Photography**

**Grades 11-12**

**½ credit**

Learning to operate a 35-mm camera can open the door to an exciting new world. Students will work with the camera to learn the basic parts and their functions. The entire process of taking a photograph to developing the picture will be examined. The students will learn the exposure of black and white film, how to develop the film, and the process for making a print from the negative. To round off the individual knowledge, the history of photography will be included for the student's appreciation of the art.

**Media Art**

**Grades 11-12**

**1 credit**

Students will learn the basics of video production using a digital video camera, computer and editing software. Students will learn camera operation, sound editing, video editing on an Apple 63 and 64 computer using Apple Final Cut Pro software. Students will capture and edit projects used for a Video Yearbook. They will make videos used to air on the local cable access channel.

**VOCATIONAL AGRICULTURE****Agriculture I****Grades 9-12****1 credit**

Throughout the semester the student will spend approximately six weeks in the shop creating individual wood projects. The remaining time the students will study record keeping for agriculture and work on their public speaking skills. Students will learn crop science, id of crop, forage and weed seeds and forage and weed plants.

**Agriculture II****Grades 10-12****1 credit**

The next level of agriculture is studied in this course, which will focus further on the knowledge and skills required for the farmer/rancher. The areas highlighted in Ag II will concentrate on land judging, meat technology, livestock husbandry, welding, and small gas engines.

**Agriculture Leadership****Grades 10-12****½ credit**

The main area of emphasis in this course is to become better communicators with the public. Public speaking activities are the main focus along with proper communication skills. The students are required to learn sales techniques that are so important in today's world of agriculture. The skills of the job interview, resume writing, and business letter writing will be highlighted. Ag news reports and videotaping will also be instructed.

**Landscaping****Grades 10-12****½ credit**

Students will study the basics of landscape design, how to create a landscape design, how to create a landscape plan, common landscaping materials, how to estimate the amount of materials needed, and how to install a landscape plan. Students will also learn to identify landscape trees and shrubs that are common to South Dakota.

**Farm Management****Grades 10-12****½ credit**

In order to keep the farm or ranch a thriving industry, students will be taught the procedures for keeping accurate records. The principles of cash flow and net worth statements will also be discussed. In order for students to receive up-to-date information, computer recording keeping and the use of satellite computer services will be highlighted.

**Wildlife Management****Grades 10-12****½ credit**

This course will allow the student to discover how wildlife can benefit the average farmer. The student learns how to raise wild game birds and how to set up a conservation plan on their own personal land. The course will introduce you to various careers in wildlife management. Even if you are not planning a career in this area a better knowledge of principles and skills needed in the conservation of our natural resources will be very helpful in today's environmentally safe society. Students will learn to identify birds, mammals, fish, insects, trees and wood products native to the state.

**Ag IV****Grades 11-12****1 credit**

The final chapter in the area of agriculture. Students will receive training in the areas of welding, plumbing, electricity, and engine repair. Career development will occur by preparing applications for jobs and awards. The class will also focus on training in job interviews and seeking the employment that will best suit you. *\*\*Ag IV and Ag Shop alternate every other year.*

**Agriculture Shop****Grades 11-12****1 credit**

Ag shop is designed so that students may work on skills previously learned in other classes. The students receive training in plumbing, concrete, small engines, and any areas of special interest to the students. *\*\*Ag Shop and Ag IV alternate every other year.*

## **SCHOOL TO WORK**

### **Career Connections**

**Grades 10-12**

**½ credit**

The students will address the multiple life roles to enable individuals to connect career, community and family responsibilities. Topics will be interrelationship of career, community, and family roles and responsibilities, impact of participation in community action, careers, transferable and employability skills, a personal life plan, relationship of technology to life roles, leadership skills and abilities, and team skills. This course is a prerequisite to participation in the school-to-work program.

### **Internship Program**

**Grades 11-12**

**½ credit**

*Prerequisite: Career Connections*

This program is a non-paid, work-based program that places students in public agencies and private companies as interns. Participation in this program will allow students to develop work readiness skills and responsibilities. Students interested in this program should consult with the guidance counselor to discuss requirements. Students may need to use two class periods for their internship placement.

### **Service Learning Opportunities**

**Grades 11-12**

*Non-Academic Credit*

This program allows students to participate in community and school service needs while allowing the students to earn non-academic credit. Some options available through this program include elementary aide, day-care assistant and music assistant. Students interested in this program should consult with the guidance counselor to discuss options available and requirements. *This course can be taken a semester at a time, for a total of one credit.*

## **Fine Arts**

### **High School Band**

**Grades 9-12**

*Non-Academic Credit*

Instrumental music involves many areas of music including marching band, concert band, pep band, solo and ensemble competition, and jazz band. Students in marching band perform at football games and in parades. The concert band performs at least three concerts and competes in the large group contest sponsored by the SDHSAA. Band members play for homecoming, basketball games, and graduation and compete in contests and concerts throughout the year. Band students receive instruction in music theory and music appreciation.

### **High School Chorus**

**Grades 9-12**

*Non-Academic Credit*

Vocal Music will acquaint the student with music theory, history, ear training, vocal technique, and performance etiquette. Students have the opportunity to participate in all-state choir, various types of ensembles, voice lessons, and competitions. Music appreciation will be included in classroom instruction.

**DUAL CREDIT/COLLEGE COURSES**

**The following courses are college courses that are offered through distance learning. Costs for tuition, books, materials and any other costs will be the responsibility of the student.**

- |  |                            |                               |
|--|----------------------------|-------------------------------|
| <b>College Algebra</b>   | <b>Grade 12</b>            | <b>½ credit (high school)</b> |
|  | <b>4 credits (college)</b> |                               |
| First degree equations and inequalities in one variable; irrational and complex numbers; quadratic equations and inequalities; functions and graphs; exponential, logarithmic and special functions; systems of equations.   |                            |                               |
| <b>College Pre-Calculus</b>  | <b>Grade 12</b>            | <b>½ credit (high school)</b> |
| <i>Prerequisite: Math 150 (College Algebra)</i>  | <b>4 credits (college)</b> |                               |
| Basics of college algebra, trigonometry and analytic geometry. This course is designed for a student who has completed two years of high school algebra but has not had trigonometry and /or analytic geometry.  |                            |                               |
| <b>Eng 103 Composition</b>   | <b>Grade 12</b>            | <b>½ credit (high school)</b> |
|  | <b>3 credits (college)</b> |                               |
| Students develop skills in writing the traditional expository essay and are introduced to library and electronic research skills. Freshman essays will be evaluated through a departmentally designed assessment tool.   |                            |                               |
| <b>Eng 104 Composition</b>   | <b>Grade 12</b>            | <b>½ credit (high school)</b> |
| <i>Prerequisite: English 103</i>   | <b>3 credits (college)</b> |                               |
| Students develop the ability to read critically, to reason, and to write critical, persuasive prose. Students further develop the research and writing skills needed to produce a formal research paper.   |                            |                               |
| <b>Psych 101 Introduction to Psychology</b>  | <b>Grades 11-12</b>        | <b>½ credit (high school)</b> |
|  | <b>3 credits (college)</b> |                               |
| An introductory survey of the general content areas of psychology.   |                            |                               |
| <b>Soc 100 Introduction to Sociology</b>   | <b>Grades 11-12</b>        | <b>½ credit (high school)</b> |
|  | <b>3 credits (college)</b> |                               |
| This course provides an introduction to the scientific study of human society. This course emphasizes a variety of social concepts, including: the appreciation of diverse cultures, socialization, social structure, social networks, deviance and social control, social class, and social change. |                            |                               |
| <b>228 US History and Government</b>   | <b>Grades 11-12</b>        | <b>½ credit (high school)</b> |
| The origins and development of the United States and its government from pre-colonial times through the Civil War period. The Native American cultures, European colonial efforts, American Revolution and development of the Constitution, Westward movement and the Civil War are emphasized.      |                            |                               |
| <b>229 US History Since 1877</b>   | <b>Grades 11-12</b>        | <b>½ credit (high school)</b> |
|  | <b>3 credits (college)</b> |                               |
| The continuation of the United States history beginning with the Reconstruction era of the late 20 <sup>th</sup> century. The industrial Revolution , Progressive Era, and the emergence of the United States as a world power are emphasized  |                            |                               |

Courses that are taken for college credit and may be used as dual credit if approved by the principal are available through Mount Marty College in Yankton. Students taking these courses are required to pay for tuition, books and materials. Current tuition rates for these classes are \$95 per credit hour. Most courses are three credit hours making a three credit course about \$285. Books range from \$65 to over \$100 and are in addition to the tuition.

Students taking these types of courses should be highly motivated and academically prepared. Students should expect to spend **10 or more hours** per week on the course. Students should check with the college or university they are planning to attend to find out if the course meets the requirements.

## **ADVANCED PLACEMENT (AP) COURSES**

### **APEX Learning On-Line Courses**

These online courses combine standards-based curriculum with interactive multimedia. Students don't just read text on a computer screen and submit assignments via email—they participate and achieve. Students receive personal instruction from a qualified instructor. Students may be charged a fee of \$350 if they do not receive a final grade of a "C" in the course or withdrawal from the course.

Students who make good candidates for this type of course are those who are academically prepared. There may be some prerequisite courses. Students must be motivated enough to prioritize their workload and dedicate **at least 10 or more hours** a week to their online course.

Completion of an APEX course does not count as college credit. The Advanced Placement exam must be taken and passed with a qualifying score to count for credit. Students should check with the college or university they are interested in attending to make sure the Advanced Placement score will count as a required course. There is a fee for the Advanced Placement exam and students will be responsible for the fee as well as for finding a location to test.

Courses Available:

### **MATH**

**AP Calculus AB** - Prerequisites: Algebra II, Geometry, Trig and Pre-Calc, or Math Analysis.

**AP Statistics** - Prerequisites: Algebra II or Math Analysis

### **SCIENCE**

**AP Biology** - Prerequisites: One year of Biology and Chemistry

**AP Chemistry** - Prerequisites: One year of Chemistry and Algebra II

**AP Physics B** - Prerequisites: Algebra II, Math Analysis or Trig.

**\*AP Psychology** - Prerequisites: One year of Biology

### **ENGLISH**

**AP English Language and Composition** - Prerequisites: Grade of "B" in most recent English course

**AP English Literature and Composition** - Prerequisites: Grade of "B" in most recent English course

### **SOCIAL STUDIES**

**\*AP Macroeconomics** - Prerequisites: Algebra II (or Math Analysis)

**\*AP Microeconomics** - Prerequisites: Algebra I

**\*AP U.S. Government and Politics** - Prerequisites: U.S. History

**AP U.S. History** - Prerequisites: Grade of "B" in most recent Social Studies course

### **WORLD LANGUAGES**

**AP French Language** - Prerequisites: 3-4 years of French or equivalent native fluency

**AP Spanish Language** - Prerequisites: 3-4 years of Spanish or equivalent native fluency

\* Denotes a one-semester course.