

## Virtual Courses

### Algebra I

Algebra I provides a curriculum focused on the mastery of critical skills and the understanding of key algebraic concepts, preparing students to recognize and work with these concepts. Course topics include an introductory algebra review, measurement, an introduction to functions, problem solving with functions, graphing, linear equations and systems of linear equations, polynomials and factoring, and data analysis and probability.

### Algebra II

Algebra II provides a curriculum that builds on the algebraic concepts covered in Algebra I. Course topics include conic sections; functions, relations, and their graphs; quadratic functions; inverse functions; and advanced polynomial functions. Students also cover topics relating to rational, radical, exponential, and logarithmic functions; sequences and series; and data analysis and probability.

### English 9 (Introduction to Literature and Composition)

Introduction to Literature and Composition is a course that covers literature study, reading, writing, and language. Students read literature from around the world, including the following genres: short story, poetry, memoir, autobiography, drama, and epic. They read examples of informational writing, such as a letter, Web site, magazine article, newspaper article, speech, editorial, and movie or book review. They also acquire and practice reading skills and strategies that are directly applicable to these literary and informational reading materials. In addition, students develop and practice writing and language skills.

### English 10 (Critical Reading and Effective Writing)

Critical Reading and Effective Writing is a course that develops both academic and life skills. Literary selections include short fiction and poetry from around the globe, modern drama works, and a contemporary novel. Nonfiction selections feature historical correspondence, diaries, logs, and famous courtroom arguments. Life reading skills target forms, applications, and work-related communication. The writing program builds confidence in young writers by targeting control of organization, effective sentences, and word choice.

### Health Education (Skills for Health)

Skills for Health helps students develop knowledge, attitudes, and essential skills in a variety of health-related subjects, including mental and emotional health; nutrition; physical activity; substance use and abuse; injury prevention and safety; and personal health, environmental conservation, and community health resources. Through the use of accessible information and real-life simulations, students apply the seven health skills. These include access to valid health information, self-management, analysis of internal and external influences, interpersonal communication, decision-making, goal setting, and advocacy.

### U.S. History

U.S. History traces the political, social, economic, and cultural heritage of the United States through four centuries of change and development. Students learn about the Native American, European, and African people who lived before the Declaration of Independence in what is now the United States. They also explore the multiple causes and effects of the Civil War, Industrial Revolution, and Great Depression. Students learn to interpret historical documents using examples from the Great Awakening, westward expansion, the "roaring twenties," McCarthyism, and the struggle for civil rights.

### World History

World History offers a tightly focused and scaffolded curriculum that uses multiple perspectives to trace the development of civilizations around the world from prehistory to the present. The course covers major events in world history, including the development and influence of human-geographic relationships, political and social structures, economics, science and technology, and the arts. Students investigate the major religions and belief systems throughout history and learn about the importance of trade and cultural exchange. Other topics include the development of agriculture, the spread of democracy, the rise of nation-states, the industrial era, the spread of imperialism, and the issues and conflicts of the 20th century. Students learn to use primary historical documents as evidence as they learn about past events.

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## Fox Chapel Area High School Summer School 2010

### Virtual and Traditional Courses



[www.fcasd.edu](http://www.fcasd.edu)  
(412) 967-2430

## About Virtual Summer School

The Fox Chapel Area Virtual Summer School is a program designed to provide credit recovery for Fox Chapel Area High School Students. These courses utilize an online curriculum developed by Apex Learning and are facilitated by a Fox Chapel Area High School teacher.

Although the majority of the work is completed independently off campus, students are also required to report to Fox Chapel Area High School from 9-11 a.m. one day per week on the day assigned for that course.

Each course consists of approximately 60 hours of independent work. The 12 hours of on-campus meetings may consist of instruction, discussion, review, and assessments.

Laptop carts will be available for these meetings; however, students must provide their own computer with Internet access for completion of the independent work required.

The first course meeting will include an orientation to the Apex Learning curriculum and a review of the course syllabus.

### Courses Offered:

- English 9
- English 10
- Health 9
- U.S. History
- World Civilization
- Algebra I and Algebra II

Course descriptions are located on the reverse.



### Dates and Times\*:

June 22-July 29 (6 weeks) for 1 credit courses

June 22-July 8 (3 weeks) for .5 credit courses

Requirements include approximately 60 hours of independent work for a 1 credit course and 30 hours for a .5 credit course

### Curriculum:

Apex Learning

### Requirements for the Student:

Access to a computer with Internet

Completion of all assignments and assessments by the last day of the course

Attendance at all six on-campus meetings

### Cost:

\$200.00/1 credit course

\$100.00/.5 credit course

Please make checks payable to:  
Fox Chapel Area School District.

**Please contact your guidance counselor before June 11, 2010, for more information or to register for the course.**

*\*A minimum number of students must be enrolled in each course in order for it to be offered. Students will be notified of courses that will not be offered due to low enrollment at least one week prior to the start of the course.*

## Traditional Courses

In addition to these virtual courses, Fox Chapel Area High School will also be offering the following summer courses in a traditional classroom format (Details on the dates and times of these courses can be obtained from the guidance office):

### **Remedial Physical Education 9-12**

Students will engage in activities that will increase their knowledge of the importance of lifetime physical activity as it pertains to optimal personal health and well-being. Through a variety of activities such as tennis, weight training, yoga, fitness testing, soccer, volleyball, whiffleball, golf, basketball, hiking, aerobic conditioning, aquatic fundamentals, and aquatic safety, students will demonstrate responsible personal and social behaviors in a physical activity setting. This course meets the Pennsylvania State Standards for Health, Safety, and Physical Education.

**Cost: \$100.00**

### **Recreational Sports (11 and 12 only)**

*Prerequisites: Successful completion of the PE 9/10 year one and PE 9/10 year two.*

Students will engage in activities that will increase their knowledge of the importance of lifetime physical activity for personal health and well-being. Through a variety of recreational sports such as golf, tennis, badminton, bocce, pickleball, volleyball, creative movement, and aquatic fitness/safety, students will demonstrate responsible personal and social behaviors in a physical activity setting. Students will apply movement concepts to the learning and development of motor skills. Through physical activity, this course will provide opportunities for interaction, challenge, self-expression, and enjoyment. This course meets the Pennsylvania State Standards for Health, Safety, and Physical Education.

**Cost: \$150.00**