



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Arts & Humanities	Art Appreciation	High School	9-12	0.5
<p>This half credit elective course provides an overview of art. Art is seen by many as our first language. We used pictures to tell stories and explain ideas for thousands of years before writing was invented. All cultures create art, and by looking at the traditions of many different cultures across the world and throughout time we can better understand their similarities to our world today. It is also important for us to continue to create and record our own culture and traditions. We do this by perpetually making new art. This class offers students the opportunity to learn about art's past and present, and its modern significance. Students will also create original artwork with materials the school supplies. Art Appreciation includes written work, discussion forums, quizzes, open-ended assignments, and studio assignments.</p>				
Arts & Humanities	Digital Photography (2 parts-each 0.25 credit)	High School	9-12	0.5 and 0.25 credit available
<p>This half credit elective course provides an introduction to the basics of photography. Through digital photography and design lessons, students begin learning general photographic concepts. Composition skills are then added to photographs and image-editing techniques are practiced. Students also learn how to use layers, crop images, color and lighting concepts, hue and saturation, and exposures and special effects. Graphic design, artistic elements, and software skills are taught while producing graphic images. The concept of design as a matter of visual communication is embedded throughout the course. During Digital Photography students build a portfolio of work and explore the fields of photography and photo manipulation. Digital camera is required.</p>				
Arts & Humanities	Mandarin Chinese I (2 parts-each 0.5 credit)	High School	9-12	1 and 0.5 credit available
<p>The purpose of this course is to provide an introduction to Modern Standard Chinese (Mandarin) as a foreign language for beginners. The main goal for this course is for students to acquire a culturally contextualized working knowledge of and essential skills in introductory Chinese. This course aims at developing four basic skills, listening, speaking, reading, and writing, and building a solid foundation in preparation for more advanced studies. This course will include readings, discussion boards, lectures through webcast (Illuminate sessions), written and oral assignments, quizzes, unit exams, projects, and a final exam. Upon completion of this course students will have mastered a set of essential sentence patters and a vocabulary of approximately 350 words. In addition, this course will help students achieve a better awareness of Chinese culture and society, which will form an important aspect of a truly global perspective.</p>				
Arts & Humanities	Music Appreciation	High School	9-12	0.5
<p>This half credit elective course provides an overview of music. Music is seen by many as a first language. We used song to tell stories and explain ideas for thousands of years before writing was invented. All cultures create music, and by looking at the traditions of many different cultures across the world and throughout time we can better understand their similarities to our world today. It is also important for us to continue to create and record our own culture and traditions. We do this by perpetually making new music. This class offers students the opportunity to learn about music's past and present, and its modern significance. We will listen to music from the past and present, and also create original music using software that allows us to play music even without formal training. Music Appreciation includes written work, discussion forums, quizzes, open-ended assignments, and studio assignments.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Arts & Humanities	Philosophy (2 parts-each 0.5 credit)	High School	11, 12	1 and 0.5 credit available
<p>This course is designed to introduce students to the field of philosophy by getting them to think carefully, analytically, and critically about some of the fundamental questions of human existence. Students are encouraged to engage in a dialogue about those questions and answers while studying traditional and modern approaches to the issues with an emphasis on discussion boards and postings. Some of the topics covered include: Epistemology, Rationalism, Empiricism, Idealism, Materialism, and Applied Ethics</p>				
Arts & Humanities	Web Design (2 parts-each 0.25 credit)	High School	9-12	0.5 and 0.25 credit available
<p>Essential web design skills are included in this .5 credit course that provides students a voice on the Internet. The course includes several guided projects that enables students to develop their own web site. Web design essential are embedded throughout. Beginning with planning a web site and then to storyboarding, page design, layout and template issues are also covered. From there, students learn to create backgrounds, headers, and buttons. Students learn to use templates, create rollovers and pop-ups, develop image maps, and add animations.</p>				
English	Business Communications (2 parts-each 0.5 credit)	High School	11, 12	1 and 0.5 credit available
<p>This course is designed to familiarize students with the many types of written and verbal communications that students will encounter in the business world. Students will also learn writing techniques, research skills, and proper grammar usage. Students will explore many aspects of business communications - business writing, technical documentation, advertising, resumes, verbal communication skills, interviewing, and much more. The course includes readings, blogs, lectures through webcasts (Elluminate sessions), research, WebQuests, group work, and presentations.</p>				
English	Creative Writing (2 parts-each 0.25 credit)	High School	11, 12	1 and 0.5 credit available
<p>This 0.5 credit, part A course will teach students the major components of the creative writing process by learning writing techniques, peer-editing, and self-editing. The course familiarizes students with the creative writing process and gives students many opportunities to write creatively. The primary focus of the course will be on creating and completing various types of creative pieces, culminating with the completion of a "final" piece as designed by the student. Students will explore many aspects of creative writing through journal exercises, writing activities, and assignments geared towards helping students unlock their natural creativity. The course will include readings, discussion boards, writing, lecture through webcasts (Elluminate sessions), writing, WebQuests, peer editing, writing, and more writing!</p>				
English	English 10 Credit Recovery	High School	10	1.0
<p>This course helps students build literary, reading, writing, vocabulary, and listening skills. Students will also learn writing techniques, research skills, and proper grammar usage rules. The class explores many aspects of plot and setting, character, narrator and voice, comparing themes, irony and ambiguity, symbolism and allegory, poetry, and drama. The course includes readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, group work, presentations, and unit exams.</p>				
Prerequisite: student must have previously received a failing grade in this course.				call for availability

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
English	English 11 Credit Recovery	High School	11	1.0
<p>This course includes works of American literature with the purpose of familiarizing students with major authors and movements of American literature, from the pre-colonial times to the present. Students will also learn writing techniques, research skills, and proper grammar usage rules. Students will explore many aspects of American literature: fiction, nonfiction, poetry, media, art, drama, the novel and speech. The course includes readings, discussion boards, lectures through webcasts (Elluminate sessions), research, Web Quests, group work, and presentations.</p> <p>Prerequisite: student must have previously received a failing grade in this course. <span style="float: right;">call for availability</span></p>				
English	English 12 Credit Recovery	High School	12	1.0
<p>This course includes works of British and World literature with the purpose of familiarizing students with major authors and movements of British and World literature, from the beginnings of written language to the present. Students will learn writing techniques, research skills, and proper grammar usage rules. Students will explore many aspects of British literature – fiction, nonfiction, poetry, media, art, drama, the novel, and speech. The course will include readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, group work, presentations, and unit exams.</p> <p>Prerequisite: student must have previously received a failing grade in this course. <span style="float: right;">call for availability</span></p>				
English	English 9 Credit Recovery	High School	9	1.0
<p>This course introduces students to elements of literature from various genres. Students will also learn writing techniques, research skills, and the rules of proper grammar usage. Students will explore many aspects of literature: fiction, nonfiction, poetry, media, art, drama, the novel, and speech. The course will include readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, group work, presentations, and unit exams.</p> <p>Prerequisite: student must have previously received a failing grade in this course. <span style="float: right;">call for availability</span></p>				
English	English I (2 parts-each 0.5 credit)	High School	9	1 and 0.5 credit available
<p>This course introduces students to elements of literature from various genres. Students will also learn writing techniques, research skills, and the rules of proper grammar usage. Students will explore many aspects of literature: fiction, nonfiction, poetry, media, art, drama, the novel, and speech. The course will include readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, group work, presentations, and unit exams.</p>				
English	English I (2 parts-each 0.5 credit)	High School	9	1 and 0.5 credit available
<p>This course introduces students to elements of literature from various genres. Students will also learn writing techniques, research skills, and the rules of proper grammar usage. Students will explore many aspects of literature: fiction, nonfiction, poetry, media, art, drama, the novel, and speech. The course will include readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, group work, presentations, and unit exams.</p>				
English	English I Anchors (2 parts-each 0.5 credit)	High School	9	1 and 0.5 credit available
<p>This course introduces students to elements of literature from various genres at a reduced pace. Students will also learn writing techniques, research skills, and proper grammar usage. Students will explore many aspects of literature: fiction, nonfiction, poetry, media, art, drama, the novel and speech. The course will include readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, group work, presentations, and unit exams.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
English	English II (2 parts-each 0.5 credit)	High School	10	1 and 0.5 credit available
<p>This course helps students build literary, reading, writing, vocabulary, and listening skills. Students will also learn writing techniques, research skills, and proper grammar usage rules. The class explores many aspects of plot and setting, character, narrator and voice, comparing themes, irony and ambiguity, symbolism and allegory, poetry, and drama. The course includes readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, group work, presentations, and unit exams.</p>				
English	English III (2 parts-each 0.5 credit)	High School	11	1 and 0.5 credit available
<p>This course includes works of American literature with the purpose of familiarizing students with major authors and movements of American literature, from the pre-colonial times to the present. Students will also learn writing techniques, research skills, and proper grammar usage rules. Students will explore many aspects of American literature: fiction, nonfiction, poetry, media, art, drama, the novel and speech. The course includes readings, discussion boards, lectures through webcasts (Elluminate sessions), research, Web Quests, group work, and presentations.</p>				
English	English IV (2 parts-each 0.5 credit)	High School	12	1 and 0.5 credit available
<p>This course includes works of British and World literature with the purpose of familiarizing students with major authors and movements of British and World literature, from the beginnings of written language to the present. Students will learn writing techniques, research skills, and proper grammar usage rules. Students will explore many aspects of British literature – fiction, nonfiction, poetry, media, art, drama, the novel, and speech. The course will include readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, group work, presentations, and unit exams.</p>				
English	Grammar and Composition (2 parts-each 0.5 credit)	High School	11	1 and 0.5 credit available
<p>This course focuses on the essentials of good communications and mastery of writing. Additional emphasis is placed upon clear, grammatically correct sentences and paragraphs. The ability to utilize variety in sentence construction is key. Students will demonstrate the steps required for successful development of a five-paragraph essay. The final lesson requires the construction and delivery of a speech using the tools of clear thinking and solid foundation.</p>				
English	Reading & Writing 101 (2 parts-each 0.5 credit)	High School	10	1 and 0.5 credit available
<p>This course emphasizes different elements of language, in particular proper grammatical usage, reading comprehension, and writing skills. Students will read and respond to various types of writing, including articles, analytical essays, personal narratives, persuasive pieces, and novels. Students will also brainstorm writing topics, engage in various pre-writing activities, and compose pieces of writing. The course will include class forums, class lecture and discuss through Elluminate sessions, research, presentations, exams, and cumulative projects.</p>				
Graduation Requirement	Careers 101 (2 parts-each 0.25 credit)	High School	11, 12	0.5 and 0.25 credit available
<p>This course guides students through an investigative process that may direct them to the career field they will enjoy and find success. Students use the text "What Color is Your Parachute? For Teens" to identify their self-interests, preferred work environments, research careers within the Bureau of Labor Statistics, explore possible career paths by interest, explore specific jobs, and develop a personal plan. This course may satisfy a graduation, elective, or FACS requirement.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Graduation Requirement	Graduation Project	High School	11, 12	0.5 and 0.25 credit available

The 21st Century Cyber Charter School Graduation Project provides a challenging learning experience while students create a uniquely personal product. The Graduation Project supports diversity and learning styles and encourages enterprise and personal ownership of a task. It promotes self-esteem and self-confidence through successful project completion and promotes accountability and responsibility. The 21CCCS Graduation Project also encourages post high-school career planning.

Health & PE	Applied Physical Education (2 parts-each 0.25 credit)	High School	9-12	0.5 and 0.25 credit available
-------------	---	-------------	------	-------------------------------

This course is a continuation of Introduction to Fitness, they will continue learning the underlying fundamentals of a fit for life attitude. In addition to reading in the textbook, students are required to complete a Portfolio of Fitness, which includes Self-assessments and Activities; this provides them with the opportunity to get active and build fitness. In this course you will be exploring nutrients your body needs, food supplements, strengthening exercise, and learn to design individual fitness plans.

After completing the course, students will be able to:

- \* Utilize your acquired knowledge about the benefits of physical activity to health and wellness.
- \* Pursue fitness goals through physical activity.
- \* Make independent decisions about planning a healthy personal fitness program.

Health & PE	Health (2 parts-each 0.5 credit)	High School	9-12	1.0, 0.5 & 0.25 credit available
-------------	----------------------------------	-------------	------	----------------------------------

This course is designed to familiarize students with different health topics; they will consider the implications of decisions and behaviors for their physical health, mental and emotional health, and social health. These three health elements, and the way they are interconnected, constitute the health triangle. One of the goals of this course is to help students gain knowledge and skills that will support their efforts to create and maintain a balanced health triangle. Each of the concepts are reinforced with outside readings selected especially for students. Assignments are designed to teach students lifelong health and fitness. A course requirement includes weekly written additions/observations in a journal. There will be a midterm and final exam.

Health & PE	Introduction to Anatomy (2 parts-each 0.5 credit)	High School	11, 12	1.0 and 0.5 credit available
-------------	---	-------------	--------	------------------------------

This class covers every major body system ranging from the skeletal system to special senses. With the complexity of the human body, each unit is covered using an outline to focus on the main topics. As students move throughout the class, they will not only learn about each body system, but how these body systems work together.

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Health & PE	Introduction to Fitness (2 parts-each 0.25 credit)	High School	9-12	0.5 and 0.25 credit available
<p>Fitness for Life is a comprehensive program designed to help teens take responsibility for their own activity, fitness, and health and to prepare them to be physically active and healthy throughout their adult lives.</p> <p>This course will give students a comprehensive and practical view of the importance of fitness in their lives. They will learn the underlying fundamentals of a fit for life attitude. In addition to reading in the textbook, students are required to complete a Portfolio of Fitness, which includes Self-assessments and Activities; this provides them with the opportunity to get active and build fitness.</p> <p>After completing the course, students will be able to:</p> <ul style="list-style-type: none"> <li>* Utilize your acquired knowledge about the benefits of physical activity to health and wellness.</li> <li>* Understand the biomechanical movement concepts that apply to fitness activities.</li> <li>* Know from personal experience the principles that define fitness.</li> <li>* Pursue fitness goals through physical activity.</li> </ul>				
Health & PE	Physical Education Credit Recovery	High School	9-12	0.5
<p>This course will require students to work on their own and with the teacher through direct and indirect communication. A schedule will be followed for the first half while the second half of the class will involve more independence and flexible schedule assignments. The course objectives include assuming personal responsibility for program planning, acquire knowledge about the benefits of physical activity to health and wellness and about the principles of fitness, acquire and use self-management skills to promote lifelong physical activity, become physical active while pursuing goals to become physically fit, become and independent decision maker who can plan his or her own personal fitness program, and support S.M.A.R.T (specific, measurable, action plan, realistic, timely) goal based on individual stages of development and current fitness level. The course topics include measuring and calculating heart rate, goal-setting, five Heart Zones, five Health-Related Fitness Components, applying 10-Step Heart Zone Training Plan, and healthy choices.</p> <p>Prerequisite: student must have previously received a failing grade in this course. <span style="float: right;">call for availability</span></p>				
Mathematics	Algebra Concepts (2 parts-each 0.5 credit)	High School	9, 10	1 and 0.5 credit available
<p>This course builds upon the essential skills of arithmetic as they apply to Algebra. Basic skills will be strengthened, mathematical decisions to real situations will be expressed, and beginning Algebra skills will be studied. Students will consider the behavior of numbers as themselves, in expressions, in equations, and in inequalities. Students will practice logical and intuitive problem-solving skills. Students will look at the descriptive power of numbers in data, probability, and two-dimensional graphing. After completing the course, students will be able to use: integers and expressions to solve problems, decimals in equations, rational numbers, exponents and scientific notation, ratios, proportions, and percents. Students will also be able to solve: equations, inequalities, graph equations, find area and volume of various solids, and solve right triangles. All of these items are assessed in the Grade 8 and Grade 11 PSSA Math exam.</p>				
Mathematics	Algebra I (2 parts-each 0.5 credit)	High School	9, 10	1 and 0.5 credit available
<p>In this course, students will build upon their pre-algebra skills by extending abstract thinking (introducing 'x', or the 'unknown'). Students will solve for this unknown and manipulate it using numerous methods, and describe equations containing unknowns graphically. Students will use the skills studied to factor expressions and once again, solve for unknowns. Throughout the course, students will incorporate the math they learn into real-world situations. Activities will include lectures using webcasts (Elluminate software) sessions, WebQuests, and possibly small scheduled group work. The course covers Algebra topics leading up to the Quadratic equation, radical expressions, and rational expressions.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



# Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Mathematics	Algebra I Credit Recovery	High School	9, 10	1.0
<p>In this course, students will build upon their pre-algebra skills by extending abstract thinking (introducing 'x', or the 'unknown'). Students will solve for this unknown and manipulate it using numerous methods, and describe equations containing unknowns graphically. Students will use the skills studied to factor expressions and once again, solve for unknowns. Throughout the course, students will incorporate the math they learn into real-world situations. Activities will include lectures using webcasts (Elluminate software) sessions, WebQuests, and possibly small scheduled group work. The course covers Algebra topics leading up to the Quadratic equation, radical expressions, and rational expressions.</p> <p>Prerequisite: student must have previously received a failing grade in this course. <span style="float: right;">call for availability</span></p>				
Mathematics	Algebra II (2 parts-each 0.5 credit)	High School	10, 11	1 and 0.5 credit available
<p>This course expands on the mathematical content of Algebra I and Geometry. An emphasis is placed upon development of math skills through study of exponential and logarithmic functions, probability, statistics and elements of trigonometry. After completing the course, students are expected to: solve equations and inequalities and word problems, solve systems of equations and inequalities, perform operations with matrices and determinants, simplify monomials, polynomials, irrational numbers, and complex numbers, solve quadratic equations, and work with parabolas, circles, ellipses, hyperbolas and conic sections. Students will understand and appreciate real world applications of these topics. This course uses varied learning styles within multiple activities to enhance student success. <u>This course requires a graphing calculator</u> such as a TI-84+, which may be rented from BVA for an additional fee.</p>				
Mathematics	Algebra II Credit Recovery	High School	10, 11	1.0
<p>This course expands on the mathematical content of Algebra I and Geometry. An emphasis is placed upon development of math skills through study of exponential and logarithmic functions, probability, statistics and elements of trigonometry. After completing the course, students are expected to: solve equations and inequalities and word problems, solve systems of equations and inequalities, perform operations with matrices and determinants, simplify monomials, polynomials, irrational numbers, and complex numbers, solve quadratic equations, and work with parabolas, circles, ellipses, hyperbolas and conic sections. Students will understand and appreciate real world applications of these topics. This course uses varied learning styles within multiple activities to enhance student success. <u>This course requires a graphing calculator</u> such as a TI-84+, which may be rented from BVA for an additional fee.</p> <p>Prerequisite: student must have previously received a failing grade in this course. <span style="float: right;">call for availability</span></p>				
Mathematics	Consumer Math (2 parts-each 0.5 credit)	High School	11, 12	1 and 0.5 credit available
<p>This course is a comprehensive review of arithmetic skills that apply to personal and business opportunities. Topics include whole numbers, fractions, percentages, basic statistics, and graphs. Practical applications in finance, taxes, budgeting, banking, and home ownership are included. Examples of wages, income deductions, insurance, checking and saving accounts, credit, housing expenses, auto expenses, recreational spending, and the cost of transportation are studied. By the course conclusion students will be able to: compute regular, overtime and piecework wages; compute taxes from tables, write a check, deposit slips, and withdrawal slips; reconcile a bank statement, budget for fixed and variable expenses, and compute finance charges and loan payments.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Mathematics	Geometry (2 parts-each 0.5 credit)	High School	10, 11	1 and 0.5 credit available
<p>This course will cover more than 30 math content anchors assessed on the 11th grade PSSA mathematics assessment. Students will build upon basic geometry skills by extending ideas about the properties of lines and polygons. They will review the properties of triangles and use their skills from Algebra 1 to show relationships between parts of geometric figures as well as to solve for unknowns. Geometrical proofs and inductive reasoning will be covered. Students will earn credit by doing daily homework and lesson checkpoints. Throughout the course students will apply the math they learn into real-world situations. This course includes lecture through Elluminate sessions, three WebQuests, possible small scheduled group work, a midterm exam, and a final exam.</p>				
Mathematics	Geometry Credit Recovery	High School	10	1.0
<p>This course will cover more than 30 math content anchors assessed on the 11th grade PSSA mathematics assessment. Students will build upon basic geometry skills by extending ideas about the properties of lines and polygons. They will review the properties of triangles and use their skills from Algebra 1 to show relationships between parts of geometric figures as well as to solve for unknowns. Geometrical proofs and inductive reasoning will be covered. Students will earn credit by doing daily homework and lesson checkpoints. Throughout the course students will apply the math they learn into real-world situations. This course includes lecture through Elluminate sessions, three WebQuests, possible small scheduled group work, a midterm exam, and a final exam.</p>				
Prerequisite: student must have previously received a failing grade in this course.				call for availability
Mathematics	Introduction to Accounting	High School	10-12	0.5
<p>This is a 9-week course designed as an introduction to accounting for the junior or senior high school student. The student should have passed Algebra 1 and Geometry before taking this course. The following concepts will be explored: the accounting equation, financial statements including the balance sheet, the income statement, and the owner's equity statement, analysis and recording of business transactions, and the accounting cycle from recording business transactions into a journal through preparing the post-closing trial balance.</p>				
Mathematics	Introduction to Statistics	High School	10-12	0.5
<p>This is a 9-week course designed as an introduction to statistics for the junior or senior high school student. The student should have passed Algebra 1 and Geometry before taking this course. In this course, you will build upon your algebra skills by working with frequency and probability distributions, applying them to real-world situations involving samples and populations. You will be able to make inferences about these situations through the statistics that you will learn. Throughout the course we will incorporate technology using STATDISK, Excel, and the TI-84 Plus graphing calculator (<u>a graphing calculator is required</u>, and may be rented from BVA for an additional fee).</p>				
Mathematics	PreCalculus (2 parts-each 0.5 credit)	High School	11, 12	1 and 0.5 credit available
<p>This course includes the detailed study of various algebraic and trigonometric functions and their graphs. The course goal is to prepare students for the study of calculus or to serve as a high school capstone course. The major areas of study are: linear, quadratic, polynomial and rational functions; exponential and logarithmic functions; the trigonometric functions and analytic trigonometry; systems of equations including matrices; polar coordinates; conic functions with an emphasis on parabolas, ellipses, and hyperbolas; and topics in discrete mathematics including sequences and series. <u>This course requires a graphing calculator</u> such as a TI-84+, which may be rented from BVA for an additional fee.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Mathematics	Sr. Math Anchors (2 parts-each 0.5 credit)	High School	12	1 and 0.5 credit available
<p>The first half of this course is designed to prepare students who were not proficient on the PSSA Math 11th grade assessment to improve the results and demonstrate proficiency. Review, re-teaching, and student practice are required using examples of the Pennsylvania Math Curriculum Assessment Anchors and Standards, along with work on test taking strategies applicable in most standardized test taking. The second half of this course will continue to reinforce Pennsylvania math assessment anchors and standards through work on projects, lesson units, and web based assignments using real world situations that require math and basic problems solving techniques, (such as banking, investing, taxes and business). This course will require students to work independently, with fellow classmates, and with the teacher through direct and indirect communication. A rigorous and mandatory schedule will be followed for the first half of the class leading up to the PSSA Math retest, while the second half of the class will involve more student independence, group work, and a flexible schedule of assignments.</p>				
Science	Biology (2 parts-each 0.5 credit)	High School	9, 10	1 and 0.5 credit available
<p>Biology is a one credit comprehensive science course designed to follow and reinforce the Biological Science Standards created by the Pennsylvania Department of Education. This course includes a survey of biology, botany, zoology, cell physiology, microbiology, and genetics. There is a large amount of vocabulary and information for students to learn as they complete several labs with readily available materials to experience first hand the concepts being taught in this class. At the conclusion of this course students should be able to: explain the structural and functional similarities and differences found among living things, explain the chemical and structural basis of living organisms, describe how genetic information is inherited and expressed, and explain the mechanisms of the theory of evolution. Activities will include lectures through webcasts (Illuminate sessions), WebQuests, and possibly small group work.</p>				
Science	Chemistry (2 parts-each 0.5 credit)	High School	11, 12	1 and 0.5 credit available
<p>The focus of this course is to study the composition, properties, and changes associated with matter. Course covers topics such as: classification and structure of matter, atomic theory, the Periodic Table, bonding, chemical formulas, behavior of gases, acids, bases, and salts and the energy associated with physical and chemical changes. Students will work through a Nuclear Power Plant to study the atom, travel through a Water Treatment Plant to study properties of matter, and move through several other industrial buildings to complete their study of chemistry. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course. Activities will include lectures through webcasts (Illuminate sessions), WebQuests, and possibly small group work. Note-the course uses Virtual Chemistry Lab software which does not run on Windows Vista.</p>				
Science	Chemistry Credit Recovery	High School	11, 12	1.0
<p>The focus of this course is to study the composition, properties, and changes associated with matter. Course covers topics such as: classification and structure of matter, atomic theory, the Periodic Table, bonding, chemical formulas, behavior of gases, acids, bases, and salts and the energy associated with physical and chemical changes. Students will work through a Nuclear Power Plant to study the atom, travel through a Water Treatment Plant to study properties of matter, and move through several other industrial buildings to complete their study of chemistry. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course. Activities will include lectures through webcasts (Illuminate sessions), WebQuests, and possibly small group work.</p>				
Prerequisite: student must have previously received a failing grade in this course.				call for availability

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Science	Earth and Space Science (2 parts-each 0.5 credit)	High School	9	1 and 0.5 credit available
<p>This course is designed to help students develop an understanding of the Earth, its features and processes, resources, weather, and water resources. Earth Science will use visualizations showing animations, simulations, satellite images, and other interactive graphs with explanatory text enabling students to see the processes of Earth Science at work. This course focuses on the physical features and properties of the earth and the universe, and their relationship to earth's living things and society. Most topics relate to each other in some way, and students will be required to apply basic concepts student learned in Physical Science to their study of the earth. The course includes readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, presentations, and unit exams.</p>				
Science	Earth and Space Science Credit Recovery	High School	9	1.0
<p>This course is designed to help students develop an understanding of the Earth, its features and processes, resources, weather, and water resources. Earth Science will use visualizations showing animations, simulations, satellite images, and other interactive graphs with explanatory text enabling students to see the processes of Earth Science at work. This course focuses on the physical features and properties of the earth and the universe, and their relationship to earth's living things and society. Most topics relate to each other in some way, and students will be required to apply basic concepts student learned in Physical Science to their study of the earth. The course includes readings, discussion boards, lectures through webcasts (Elluminate sessions), research, WebQuests, presentations, and unit exams.</p> <p>student must have previously received a failing grade in this course</p>				
Science	Physical Science (2 parts-each 0.5 credit)	High School	9-12	1 and 0.5 credit available
<p>This course will develop the importance of science in students' everyday life. Student will study scientific concepts and how to apply scientific knowledge to solve present day problems. This course stresses basic concepts and logical methods of chemistry and physics as they apply to daily events. Students will learn new vocabulary and concepts as well as how students can apply them to make a better world for themselves and others. When students complete this course, student will be able to: explain fundamental scientific principles, distinguish kinds and phases of matter, classify matter, recognize the role of atomic structure in chemical bonding, reactivity, and radioactivity, state the difference between forms and kinds of energy, describe the electromagnetic nature of matter, and use the concept of force and motion to solve real world problems.</p>				
Science	Physics (2 parts-each 0.5 credit)	High School	11, 12	1 and 0.5 credit available
<p>This course is presented as a challenging, but fun experience using the motif of an amusement park. Students explore physics concepts using laboratory activities, videos, software, and web sites. The purpose of this course is to provide opportunities to study the concepts, theories, and laws governing the interaction of matter, energy, and forces, and their applications to the real world through exploratory investigations and activities. This course is intended for college-bound students with strong mathematical skills. Using conceptual laboratory investigations, students will focus on: energy, thermodynamics, conservation of energy, momentum, kinematics, force and motion waves, electricity and magnetism, matter, space and time, and interactions among science, technology, and society. The final grade will be calculated as follows: 80% on completed assignments and 20% on the final exam. Activities will include lectures through webcasts (Elluminate sessions) and possibly small group work.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Social Studies	American History II (2 parts-each 0.5 credit)	High School	11	1 and 0.5 credit available
<p>American History II begins during the period of reconstruction after the devastation left by the American Revolution. Students work in unison with the teacher and each other through synchronous learning tools, email, and online chats to breakdown and analyze the political, social, and economic facets that changed radically from one presidential term to the next. In addition, heavy emphasis is placed on each of the major wars that take place during this period in history. Students complete a formal WebQuest project for each war, which challenges them to discover the underlying cause and effect of the war, its outcomes, or alternate scenarios. There will be a research assignment intended to make students very knowledgeable on one topic within American History and improve student's overall writing skills. There will be 17 short evaluations and a comprehensive final exam.</p>				
Social Studies	American History II Credit Recovery	High School	11, 12	1.0
<p>United States history is a fascinating story; one filled with mystery and drama. Through interrogating eyewitness accounts, examining clues, and searching for evidence, students will develop critical thinking skills (evidence-gathering, analysis, synthesis, evaluation) necessary for a successful student and sleuth. Students will complete this course with an invigorated passion for their nation's past, with all its intrigue, conflict, and mystery. Assignments will make up the largest portion of the course's assessment and use a variety of learning styles. Worksheets will make up the second largest portion of the course's grade and are designed to reinforce student's understanding of American History. There will be a comprehensive final exam.</p>				
Prerequisite: student must have previously received a failing grade in this course.				call for availability
Social Studies	Economics	High School	11, 12	0.5
<p>This course gives students a comprehensive and practical view of how the principles of economics impact their daily lives. Additional emphasis is placed upon fulfillment of needs and wants, changes in the economy and governments role in economy.</p>				
Social Studies	Psychology (2 parts-each 0.5 credit)	High School	11, 12	1 and 0.5 credit available
<p>The purpose of this course is to provide students with an overview of psychology with a focus on critical thinking, attention to gender and multicultural issues, and commitment to the debates of psychological topics. The course covers five major areas - yourself, your body, your mind, your environment, your mental health, and life. This course will benefit students interested in exploring the inner workings of the human mind. The class will include discussion boards, lecture and unit reviews through live WebQuests, readings via online media and textbook, quizzes and chapter exams, weekly assignments, two WebQuests, a journal article report, a midterm, and final exam. This course may also be taken as an elective.</p>				
Social Studies	U. S. Government	High School	11, 12	0.5
<p>In this course students will discuss how the structures of American Government and Politics, along with the principles of Economics, affect their society. The American Government and Politics portion of the course will explore the foundations of our democracy, the powers and responsibilities of the three branches of the Federal Government, and how the political process and public interest groups influence governmental policy. The Economics portion will examine the core principles of the market economy and apply these principles to students' daily lives. Activities will include lectures through webcasts (Elluminate sessions), textbook readings, WebQuests, weekly online learning activities, and assignments.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Social Studies	World Geography (2 parts-each 0.5 credit)	High School	9-12	1 and 0.5 credit available

In this course students will discuss and compare the five major themes of geography and how these themes are unique to different regions throughout the world. The five major themes; locations, places, human-environment, movement, and regions, will be applied to North America, South America, Europe, Asia, and Africa. In addition to the five major themes students will discuss different cultures, political environment, and economic conditions in the various regions. Finally, students will discover the many different types of maps and map reading. Activities will include lectures through webcasts (Elluminate sessions), WebQuests, weekly online learning activities, and assignments.

Social Studies	World History (2 parts-each 0.5 credit)	High School	9 -12	1 and 0.5 credit available
----------------	---	-------------	-------	----------------------------

Presented through a "windows of the world museum," World History gives students the opportunity to visit the past, connect with the present, and look to the future. The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings. Students complete both worksheets and chapter assignments to reinforce their understanding of the course's subject matter. This course will include lectures through webcasts (Elluminate sessions), WebQuests, a midterm exam, and a final exam.

Arts & Humanities	Art & Music	Middle School	6	1.0
-------------------	-------------	---------------	---	-----

This course is a requirement for middle school students. The purpose of this course is to provide instruction in art and music. Both art and music are seen by many as humans' first languages. We used pictures and song to tell stories and explain ideas for thousands of years before writing was invented. All cultures create art and music, and by looking at the traditions of many different cultures across the world and throughout time we can better understand their similarities to our world today. It is also important for us to continue to create and record our own culture and traditions. We do this by perpetually making new art and music. This class offers students the opportunity to learn about art's past and present, and its modern significance. Students will also create original artwork with materials the school supplies. We will listen to music from the past and present, and also create original music using software that allows us to play music even without formal training. The course will include weekly online learning activities and assignments. Creating, sharing and forming opinions are the most important aspects of Art and Music I.

Arts & Humanities	Art & Music II	Middle School	7	1.0
-------------------	----------------	---------------	---	-----

This course is a requirement for middle school students. The purpose of this course is to provide instruction in art and music. Both art and music are seen by many as humans' first languages. We used pictures and song to tell stories and explain ideas for thousands of years before writing was invented. All cultures create art and music, and by looking at the traditions of many different cultures across the world and throughout time we can better understand their similarities to our world today. It is also important for us to continue to create and record our own culture and traditions. We do this by perpetually making new art and music. This class offers students the opportunity to learn about art's past and present, and its modern significance. Students will also create original artwork with materials the school supplies. We will listen to music from the past and present, and also create original music using software that allows us to play music even without formal training. The course will include weekly online learning activities and assignments. Art and Music II allows students to research their interests and present extensive projects to the other students.

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Arts & Humanities	Art & Music III	Middle School	8	.5
<p>This course is a requirement for middle school students. The purpose of this course is to provide instruction in art and music. Both art and music are seen by many as humans' first languages. We used pictures and song to tell stories and explain ideas for thousands of years before writing was invented. All cultures create art and music, and by looking at the traditions of many different cultures across the world and throughout time we can better understand their similarities to our world today. It is also important for us to continue to create and record our own culture and traditions. We do this by perpetually making new art and music. This class offers students the opportunity to learn about art's past and present, and its modern significance. Students will also create original artwork with materials the school supplies. We will listen to music from the past and present, and also create original music using software that allows us to play music even without formal training. The course will include weekly online learning activities and assignments. Art and Music III will push students to recognize the process they take while being creative.</p>				
Health & PE	PE/Health	Middle School	6	1.0
<p>It seems overnight there's a whole new world for kids. This course is design to help guide students in making decisions that meet their family goals and values. We encourage students to talk with family members in addressing the following topics: Understanding Health and Wellness, Taking Charge of Your Health, Physical Activity and Fitness, Nutrition, Personal Health and Consumer Choices, Personal Safety, and The Environment and Your Health. PowerPoint, lectures, study guides, flashcards, web activities, concept mapping, group discussion, and podcasts present concepts. Weekly fitness activities and logs are used to cover concepts and guide student choices and workout.</p>				
Health & PE	PE/Health II	Middle School	7	1.0
<p>It seems overnight there's a whole new world for kids. This course is design to help guide students in making decisions that meet their family goals and values. We encourage students to talk with family members in addressing the following topics: Understanding Health and Wellness, Taking Charge of Your Health, Physical Activity and Fitness, Mental and Emotional Health, Resolving Conflicts and Preventing Violence, Noncommunicable Diseases, and Growing and Changing. PowerPoint, lectures, study guides, flashcards, web activities, concept mapping, group discussion, and podcasts present concepts. Weekly fitness activities and logs are used to cover concepts and guide student choices and workout.</p>				
Health & PE	PE/Health II	Middle School	7	1.0
<p>It seems overnight there's a whole new world for kids. This course is design to help guide students in making decisions that meet their family goals and values. We encourage students to talk with family members in addressing the following topics: Understanding Health and Wellness, Taking Charge of Your Health, Physical Activity and Fitness, Mental and Emotional Health, Resolving Conflicts and Preventing Violence, Noncommunicable Diseases, and Growing and Changing. PowerPoint, lectures, study guides, flashcards, web activities, concept mapping, group discussion, and podcasts present concepts. Weekly fitness activities and logs are used to cover concepts and guide student choices and workout.</p>				
Health & PE	PE/Health III	Middle School	8	1.0
<p>It seems overnight there's a whole new world for kids. This course is design to help guide students in making decisions that meet their family goals and values. We encourage students to talk with family members in addressing the following topics: Understanding Health and Wellness, Taking Charge of Your Health, Physical Activity and Fitness, Building Healthy Relationships, Tobacco, Alcohol, Drugs, and Communicable Diseases. PowerPoint, lectures, study guides, flashcards, web activities, concept mapping, and podcasts present concepts. . PowerPoint, lectures, study guides, flashcards, web activities, concept mapping, group discussion, and podcasts present concepts. Weekly fitness activities and logs are used to cover concepts and guide student choices and workout.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Health & PE	PE/Health III	Middle School	8	1.0
<p>It seems overnight there's a whole new world for kids. This course is design to help guide students in making decisions that meet their family goals and values. We encourage students to talk with family members in addressing the following topics: Understanding Health and Wellness, Taking Charge of Your Health, Physical Activity and Fitness, Building Healthy Relationships, Tobacco, Alcohol, Drugs, and Communicable Diseases. PowerPoint, lectures, study guides, flashcards, web activities, concept mapping, and podcasts present concepts. . PowerPoint, lectures, study guides, flashcards, web activities, concept mapping, group discussion, and podcasts present concepts. Weekly fitness activities and logs are used to cover concepts and guide student choices and workout.</p>				
Language Arts	Language Arts I	Middle School	6	1.0
<p>This course is designed to prepare students to meet the requirements of curriculum guidelines using technology. Students will improve their basic skills for Language Arts, become more familiar with literary works, and explore their own potential for creative expression. Students will sharpen their grammar skills with various writing assignments that reinforce capitalization, sentence structure, sentence fluency, usage, punctuation, and parts of speech while expanding their vocabulary. Students will also be required to follow the five steps of the Writing Process (prewriting, drafting, revising, editing and publishing). The students will explore business and friendly letters, narrative essay, persuasive essay, informative essay, descriptive essay, and various paragraphs for the practice of these skills. Students will respond to literature and create original stories and poems of their own.</p>				
Language Arts	Language Arts II	Middle School	7	1.0
<p>The purpose of this course is to familiarize students with elements of literature from various genres. Students will also learn writing techniques, research skills, and the rules of proper grammar usage. The class will explore many aspects of literature: fiction, nonfiction, poetry, media, art, drama, the novel, and speech. Students will use the five steps of the Writing Process (prewriting, drafting, revising, editing, and publishing). The course will include readings, discussion boards, lecture through webcasts (Elluminate sessions), research, WebQuests, group work, and presentations.</p>				
Language Arts	Language Arts III	Middle School	8	1.0
<p>The purpose of this course is to build a solid foundation in the reading, writing, and grammar skills that students will find essential throughout their lives. Students will also learn writing techniques, research skills, and the rules of proper grammar usage. The class will explore many aspects of literature: fiction, nonfiction, poetry, media, drama, the novel, oral traditions, and speech. The course will include discussion boards, lecture and class discussion through live webcasts (Elluminate sessions), research, WebQuests, collaborative group work, presentations, unit exams, and formal essays. Participation is expected using discussion boards, selected questions, and attendance at weekly interactive Elluminate sessions. Grade 8 students take the PSSA Writing assessment that requires them to write both narrative and persuasive essays. Both of these writing styles are integrated and emphasized throughout the course.</p>				
Mathematics	Math Essentials	Middle School	6	1.0
<p>This course is designed to be an integrated course of arithmetic and geometry concepts. Students will learn many topics related to developing flexibility in using numbers and creating a foundation for understanding advanced arithmetic and Algebra. Students will use number line graphs, data in problems, geometric figures, models, similar and congruence objects, patterns, linear equations, and algorithms for solving real-world problems. This course will include skill-based worksheets, labs, projects, WebQuests, journals, quizzes, exams and participation activities.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Mathematics	Math Principles	Middle School	7	1.0

This course is designed for those students who are attending middle school. Throughout the course students will incorporate the math into real-world situations. Topics will include exponents, factors, fractions, ratios, proportions, percents, probability, displaying data and graphing using the coordinate plane. This class will include lecture through Elluminate sessions, quizzes, practical worksheets, and exams.

Mathematics	Pre-Algebra	Middle School	8	1.0
-------------	-------------	---------------	---	-----

This course builds upon the essential skills of arithmetic as they apply to Algebra. Real numbers and linear equations, linear inequalities, factoring, fractions, graphing and some elements of geometry are covered. Students will study rational number forms, integers, measurement, and draw conclusions about problem solving. Students will do a lot of writing as they learn techniques for explaining their critical thinking skills with models and pictorial representations of real world problems. After completing the course, students will be able to use: integers and expressions to solve problems, decimals in equations, rational numbers, exponents, scientific notation, ratios, proportions, and percents. They will also be able to solve: equations, inequalities, right triangles, graph equations, and find area and volume of various solids.

Science	Science Adventures	Middle School	8	1.0
---------	--------------------	---------------	---	-----

This course is designed for middle school students in 8th grade; no matter what previous science experiences they have had. Activities will include lecture through Elluminate, WebQuests, and the opportunity for group work. The students will build upon basic Life Science, Earth Science, and Physical Science concepts and skills and relate these concepts to real life situations. Activities will include lectures through webcasts (Elluminate sessions), WebQuests, and possibly small group work. This course was designed to follow and reinforce the Biological Sciences Standards, Physical Science, Chemistry, Physics Standards, and Earth Science Standards that are provided by the Pennsylvania Department of Education (PDE).

Science	Science Discoveries	Middle School	6	1.0
---------	---------------------	---------------	---	-----

Science is a way of knowing, a process for gaining knowledge and understanding of the natural world and therefore students will observe, inquire, question, formulate and test hypotheses, analyze data, report, and evaluate findings. The students will have hands-on, active experiences throughout the instruction of the science class. The sixth grade science course employs the scientific method in many contexts as students design and carry out experiments to answer a variety of questions. Throughout the course, students actively investigate patterns of living things, cells and microbes, matter, chemical changes, and temperature. In the area of life science, students will study cells in detail then followed by bacteria, plants, to animals. In earth science, students will study water from fresh water to the ocean. In physical science, students explore matter, the Periodic Table, and the carbon in detail.

Science	Science Investigations	Middle School	7	1.0
---------	------------------------	---------------	---	-----

This science course will study a survey of sciences, which include parts of biology, physical science (chemistry, physics, & astronomy), and earth sciences. Students are able to learn that science is everywhere and that there are many connections between each of the sciences and the real world. The course is designed for middle school students in 7th grade, no matter what their previous science experiences have been. Activities will include lectures through webcasts (Elluminate sessions), WebQuests, and possibly small group work. This science course requires mastery of the basic concepts early in the course to be able to understand and succeed later in the course.

Courses run from Sept. 8, 2009 through June 9, 2010



## Brandywine Virtual Academy Course Catalog - 2009-2010

<u>Category</u>	<u>Course Name</u>	<u>Course Level</u>	<u>Grade Level</u>	<u>Credits</u>
Social Studies	American History I	Middle School	8	1.0
<p>United States history is a fascinating story; one filled with mystery and drama. Through interrogating eyewitness accounts, examining clues, and searching for evidence, students will develop critical thinking skills (evidence-gathering, analysis, synthesis, evaluation) necessary for a successful student and sleuth. Students will complete this course with an invigorated passion for their nation's past, with all its intrigue, conflict, and mystery. Assignments will make up the largest portion of the course's assessment and use a variety of learning styles. Worksheets will make up the second largest portion of the course's grade and are designed to reinforce student's understanding of American History. There will be a comprehensive final exam.</p>				
Social Studies	Ancient through Early Modern Times	Middle School	6	1.0
<p>This middle school World History course gives student the opportunity to explore History's Beginnings, Ancient African and Asian Civilizations, Ancient and Classical Greece, The World of Ancient Rome, Regional Civilizations and Empires, and Medieval and Renaissance Europe. This exploration will occur through activities, webquests, geography, lectures through Elluminate, forums, and connections to today.</p>				
Social Studies	World Cultures	Middle School	7	1.0
<p>The purpose of this course is to familiarize students with the major themes found in geography including location, place, human environment, movement, and regions. The class will explore these aspects of geography in relation to our country and the world. This class will include lecture through Elluminate and course materials, WebQuests, group work, and presentations.</p>				
Social Studies	World Cultures	Middle School	7	1.0
<p>The purpose of this course is to familiarize students with the major themes found in geography including location, place, human environment, movement, and regions. The class will explore these aspects of geography in relation to our country and the world. This class will include lecture through Elluminate and course materials, WebQuests, group work, and presentations.</p>				

Courses run from Sept. 8, 2009 through June 9, 2010