

2015-16 Classical Cottage School

UPPER SCHOOL COURSE DESCRIPTIONS

*Unless otherwise noted, all classes are offered for one hour, one day a week for 31 or 32 weeks.
Tuition is based on a minimum of 10 students.*

The Upper School curriculum has three core strands that are essential for the purpose of developing the tools of learning. Each strand—Latin, Progymnasmata/Logic/Rhetoric, and Omnibus—comprises six years of study and is intended for mature middle school or high school students. Please read the course descriptions carefully and/or contact the instructor before making a final determination of when your student should begin.

CLASSICAL CORE COURSES

Latin

Latin I (over a
2- or 3-year period)
Latin II
Latin III
Latin IV
AP Latin V

Logic/Rhetoric

Progymnasmata I
Progymnasmata II
Logic I
Logic II
Rhetoric I
Rhetoric II

Omnibus

Omnibus I - Ancients
Omnibus II - Medieval/Renaissance
Omnibus III - Modern
Omnibus IV - Ancients
Omnibus V - Medieval/Renaissance
Omnibus VI - Modern

Special Note for AP and SAT Subject Test courses: We at CCS are fortunate to have these courses taught by teachers who are both well-qualified and experienced in teaching their fields of study. The course syllabi are in sync with College Board curricular parameters, and CCS students have been highly successful on the Advanced Placement or SAT Subject tests listed for these courses. However, in order to support students in preparation for these exams, parents will need to 1) be responsible for January exam registration at their respective local high school or for researching to find another high school that is administering that test, 2) purchase test-specific study materials, and 3) structure regular independent study for review purposes. A lunchtime meeting to give parents a more detailed orientation will be offered in January.

Advanced Placement English Preparatory Class: January-March

Cindy Leahy

Prerequisites: A background in Progymnasmata and Omnibus

Ages: 16 & up

Tuition: \$115.00 for 6 three-hour sessions on Monday evenings, January through March

Materials Fee: \$10.00

An intense preparatory class for students intending to take the Advanced Placement English Language & Composition and/or the English Literature exam. These tests are an excellent way for students who have had several years of Progymnasmata and Omnibus to validate their transcripts for colleges and to possibly earn 3-6 college credits and avoid having to take freshman English. Coursework will include: a thorough overview to the exams and test-taking strategy; review of rhetorical terminology; introduction to and group analysis of the seven types of questions; and essay writing practice in a timed and formal setting.

American Stories & Civil War

Lonnie Barham

Prerequisites: None

Ages: 12 & up (N.B.: Some accounts are quite graphic in detail; younger children aged 10 or 11 may take the class at the discretion of the parents.)

Tuition: \$200.00

Materials Fee: \$20.00

Estimated Homework Time: No homework is required for this class.

American Stories & Civil War is intended for the history enthusiast and buff or those who just enjoy hearing little known facts and unusual stories of their nation's past. Some course topics will be colonial cures and superstitions, presidential tidbits and anecdotes, famous presidential pets and other animals, the Old West, entertainment in American history, American heroes, the Golden Age of Sports, War Stories (WWI and II, Vietnam), assassinations and great disasters. A good collection of trivia questions will be included in hand-outs for students to entertain friends and family. Midway through the year, the class will focus on the Civil War through meaningful stories, anecdotes, unusual happenings and other fascinating material. The Civil War will come alive for students who wish to study this exciting period in our nation's history; students will explore the people and events that have made this era so memorable. If you like those unusual and hard to find tidbits of history, this may be just the stimulus you need to become hooked on history. This course is designed to be an enrichment class with no homework assignments.

Art History II: Renaissance-Modern

Laura Stevens

Prerequisites: None

Ages: 14 & up

Tuition: \$200.00

Materials Fee: \$20.00 (additional purchase of textbook required)

Estimated Homework Time: 2-3 hours per week

This course will explore the art and architecture of the Renaissance period in Europe and will end with a look at the contemporary scene of art in Europe and America. Movements covered will include realism, neoclassicism, romanticism, impressionism, post impressionism, expressionism, symbolism, fauvism, cubism, surrealism, dada, colorfield and neo expressionism. We will also discuss American Art (from the 1700's to the present). The evolution of photography as an art form will be included. Classes will be a combination of slide and lecture. We will be using *Art: A Brief Art History* (5th Edition) by Marilyn Stokstad as our textbook, which is also used for Art History I: Ancient—Medieval. Students will need a spiral notebook with pockets for the required notes and handouts. Quizzes will be given about every 6 weeks.

Biology

Kim Dooley

Prerequisites: None

Ages: 14 & up

Tuition: \$350.00 (This class meets for 2 hours on Friday.)

Materials Fee: \$50.00 (additional purchase of textbook required)

Estimated Homework Time: 5 hours per week

This high school biology course explores the fundamental characteristics of living matter, ranging from a molecular perspective to the structural, functional and behavioral diversity of living organisms. Labs will support the lectures and offer hands-on opportunities for discovery. Students will be expected to come to class having read the textbook selection, completed the new vocabulary definitions and generated questions to ask during the lectures. Practice exercises will reinforce the content knowledge while enrichment assignments will promote critical thinking to solve problems and interpret diagrams and graphs. Emphasis will be placed on scientific literacy, and tests will be given regularly to demonstrate mastery.

The Biology curriculum is in sync with the College Board syllabus for the SAT Subject Test in Biology (E version). Parents will need to 1) be responsible for January exam registration at their respective local high schools, 2) purchase test specific study materials and 3) structure regular independent study for review purposes.

College Application Seminar: September—November

Cindy Leahy

Prerequisites: None

Ages: Intended for those applying for college by year's end

Tuition: \$115.00 for 6 three-hour sessions on Monday evenings, September through November

Materials Fee: \$10.00

Applying to college is a stressful process, requiring much time, research, documentation and essay writing. Intended for those applying for college by year's end, this seminar will make the process more systematic, timely and effective. Course content will include: researching to determine what colleges you want to apply to; research to determine what those colleges want on your application; transcript preparation; scholarship ideas; personal reference requests; and effective application essay writing. While this won't be the only time you'll spend on this time-intensive process, it will make your efforts more efficient, make scholarships more possible, and reduce Thanksgiving and Christmas holiday stress.

Debate

Debbie Snyder

Prerequisites: None

Ages: 14 & up

Tuition: \$200.00 (This class meets for 1 hour on Friday.)

Materials Fee: \$40.00 (includes Ethos Debate Source Book)

Estimated Homework Time: less than 1 hour per week

This class will cover Lincoln Douglas and Parliamentary Debate, concentrating on critical thinking and thoughtful argumentation. Students will be encouraged to participate in local Stoa tournaments (stoausa.org). Participation in tournaments is encouraged but NOT required. The Lincoln Douglas resolution will be announced in May 2015.

N.B.: Students who took Debate at the Classical Cottage School in 2014/2015 are welcome to join the 2015/2016 class. Debate resolutions change as current events change, so there is still plenty of room to grow in forensic abilities year after year. Experienced students will have the opportunity to develop leadership and coaching abilities while continuing to grow in skills alongside the newer students.

Economics & Personal Finance

Jeannine Garber

Prerequisites: None

Ages: 13 & up

Tuition: \$200.00 with a minimum of 10 students

Materials Fee: \$35.00 (additional purchase of textbook required)

Estimated Homework Time: 2-3 hours per week

Economics and Personal Finance will cover the basic concept and theories of the American economic system, supply and demand, business and labor, government and banking, economic global developments, and personal finance. The students will be completing projects, including comparison shopping, a resume, a job interview, a stock-exchange assignment, and a monthly household budget. Several papers on such topics as the Great Depression and the Federal Reserve System will be assigned. This high-school-level class meets the Standards of Learning that are a required part of the Virginia Advanced Studies Diploma.

General Science

Kim Dooley

Prerequisites: None

Ages: 12—14

Tuition: \$220.00 (This class meets 3 times a month for 1 ½ hours.)

Materials Fee: \$30.00 (additional purchase of textbook required)

Estimated Homework Time: 3-5 hours per week

This General Science course will cover primarily Earth Science topics and will also include the development of science skills such as the process of scientific inquiry, performing labs, and interpreting data. Topics will include geology, land formations, fresh water, weather, the atmosphere and the solar system. Some life science topics will be covered in a Chesapeake Bay Watershed unit as well. Students will be expected to complete all assignments including reading, vocabulary, practice work, labs and assessments.

Geography (Regional): North and South America

Janette Cascio

Prerequisites: Basic knowledge of maps and continents

Ages: 12 & up

Tuition: \$200.00

Materials Fee: \$30.00

Estimated Homework Time: 1-2 hours per week

This class focuses on the political boundaries, physical features, and cultural geography of North and South America. Students will learn basic geography skills as well as in-depth knowledge of these two continents. Study of the individual physical features will include an overview of physical geography. Each student will make a large map of the study area.

Government: AP U.S. Government and Politics

Jeannine Garber

Prerequisites: *Highly recommended:* CCS American History, Civics

Ages: 14 & up

Tuition: \$330.00 (This class meets for 1 ½ hours.)

Materials Fee: \$80.00 (additional purchase of texts required)

Estimated Homework Time: 5-6 hours per week

This course will examine and analyze the establishment of our Constitution stressing federalism, separation of branches, and individualism and liberties, including civil rights. Students will study the organization and powers of the political institutions in the United States with an emphasis on policymaking and public policy. They will learn the importance of political parties, elections, campaigns, interest groups, and mass media. This course will prepare students for the AP U.S. Government & Politics exam.

The curriculum of this course is in sync with the College Board syllabus for the Advanced Placement U.S. Government and Politics exam. Parents are responsible for January exam registration at their respective local high schools and should structure regular, weekly independent study for review purposes.

Greek 1/2

Sebastian Langenberg

Prerequisites: completion of at least Latin ½

Ages: 13 & up recommended

Tuition: \$220.00

Materials Fee: \$10.00 (additional purchase of textbook required)

Estimated Homework Time: 3 hours per week

A beginner's course in Ancient Greek! Start the journey to reading classic, ancient texts like Homer and Aristotle in the original language. The text *Athenaze* integrates real Greek into each chapter, so students will slowly become familiar with the language as they move from translating simple sentences to entire paragraphs. By the end of this course, students will be able to translate simple paragraphs as well as carefully selected ancient Greek texts, including excerpts from the New Testament, which was written in Koine Greek.

Greek 2/2

Sebastian Langenberg

Prerequisites: completion of Greek ½ or equivalent

Ages: 14 & up recommended

Tuition: \$300.00 (tuition has been adjusted to reflect lower enrollment)

Materials Fee: \$25.00 (additional purchase of textbook required)

Estimated Homework Time: 3 hours per week

Continue on in Ancient Greek! After a brief refresher, we will jump into learning new grammatical structures and vocabulary. We will also begin translating untouched excerpts from the ancient authors as we move through the textbook. By the end of the year, students will be able to begin translating real Greek, like Homer's *Iliad*.

Greek Mini-Class

Prerequisites: None

Ages: 11 & up

Tuition: \$30.00

Materials Fee: \$10.00 (students should have access to a good English dictionary, such as a recent edition of *Merriam-Webster's Collegiate Dictionary*)

Estimated Homework Time: 15-30 minutes a week

Sebastian Langenberg

Interested in learning a little Greek? Join Sebastian Langenberg for fifteen minutes a week to learn the alphabet, figure out names written in Greek, and learn many basic Greek words and their English derivatives. The only requirement is enthusiasm and attentiveness on the part of the student!

History: Modern (middle school)

Prerequisites: None

Ages: 11—13

Tuition: \$200.00

Materials Fee: \$40.00 (additional purchase of text required)

Estimated Homework Time: 2-3 hours per week

Kristi Gray

This middle-school history class will begin with the Wars of Independence and conclude with the Wars of Modern Times. Our text will be *The Mystery of History, Volume IV*. We will read from the text as well as learn to read and understand original documents. There will be a weekly lectures and discussions. The students will be expected to take notes as they study their reading assignments and will be given a weekly or bi-weekly quiz, a mid-term and a final exam. The class will also be interactive with games and activities to enrich their understanding of history.

History: Modern European

Prerequisites: None

Ages: 14 & up

Tuition: \$220.00

Materials Fee: \$40.00 (additional purchase of textbook required)

Estimated Homework Time: 3-4 hours per week

Daniel LaPre

European History begins with an exploration of the events of the 18th through 19th centuries. Major topics of the first half of the year will be the Enlightenment and the French Revolution of the 18th century, and the Industrial Revolution, Nationalism, and Imperialism of the 19th century. The second half of the year will focus on the World Powers of the 20th century and beyond: World War I, the Russian Revolution, the Interwar Period, World War II, the Cold War and contemporary events. Each week students will have a weekly reading assignment with a study guide to be completed before class and to be used for our class discussions.

Italian1/2

Prerequisites: A knowledge of beginning Latin is helpful but not required.

Ages: 11 & up

Tuition: \$200.00

Materials Fee: \$30.00 (the teacher will supply copies of the text)

Estimated Homework Time: 2-3 hours per week

Sarina Vogt

This beginning language class will cover the first 12 chapters of the Hans Oerberg Nature Method textbook for Italian (the same method as the CCS Latin program). The instructor will provide all copies of the text, which will be supplemented with additional sources, including *Basic Italian* by Alessandra Visconti, *Anche in Italiano* by Bettinelli/Favaro and Italian websites like Tuttoscuola.it and Stranita.it. In addition, students will be sent recordings of the text in order to have ample exposure to sounds and pronunciation. Homework will consist of both written assignments and audio recordings.

Latin 1/2

Hartley Schearer

Prerequisites: strong reading and study skills

Ages: 11 & up

Tuition: \$200.00

Materials Fee: \$8.00 (additional purchase of textbook and workbook required)

Estimated Homework Time: 1 hour per day/4 hours per week

This beginning Latin course is the first half of high school Latin I. Chapters 1-12 of *Lingua Latina* will be covered in this class, which equals ½ high school credit. A parent is required to attend class with the student so that proper assistance can be given at home. We recommend this level for students in grades 6 and up who are strong readers and are ready to develop serious study skills. Homework will require 1 hour of focused Latin study every day, and students will likely need a great deal of assistance at home.

Latin 2/3

Hartley Schearer

Prerequisites: Latin 1/3 or equivalent

Tuition: \$200.00

Materials Fee: \$8.00 (additional purchase of textbook and workbook required)

Estimated Homework Time: 45 minutes per day (3 hours per week)

This is year two of a three-year sequence of Latin I for younger students who are tackling *Lingua Latina* at a slower pace than the Latin ½ track. This year students will work through chapters 9—16 of the text. Students must have completed Latin 1/3 successfully in order to continue. A parent MUST attend the class with the student. Homework will require 45-minutes of focused Latin study every day, and students will need a great deal of assistance at home.

Latin II

Deanna Solomon

Prerequisites: Latin 3/3 or Latin 2/2 at CCS

Tuition: \$200.00

Materials Fee: \$8.00 (additional purchase of textbook and workbook required)

Estimated Homework Time: 1 hour per day/4 hours per week

This course finishes the minimum requirement for two years of a foreign language and completes the majority of the study of Latin Grammar. As with all *Lingua Latina* classes, a parent is required to attend class with the student so that proper assistance can be given at home. Homework will require 1 hour of focused Latin study every day, and students likely will need a great deal of assistance at home.

Latin III

Susan Schearer

Prerequisites: CCS Latin II

Tuition: \$200.00

Materials Fee: \$8.00 (additional purchase of workbook and dictionary required)

Estimated Homework Time: 1 hour per day/4 hours per week

This course centers on the study of Latin literature, primarily literature about Roman history before the time of Augustus, with pictures which illustrate much of what the students are reading about the development of Rome from its beginnings to an empire. Students will read and analyze excerpts from such authors as Livy and Eutropius, reading actual selections from Caesar, Cicero, and Catullus at the end of the school year. Prerequisite is successful completion of Latin II. As with all CCS Latin classes, a parent is required to attend class with the student so that proper assistance can be given at home. Homework will require 1 hour of focused Latin study every day, and students likely will need a great deal of parental monitoring and support.

Latin IV

Susan Schearer

Prerequisites: Latin III

Tuition: \$200.00 (tuition may increase due to lower enrollment numbers)

Materials Fee: \$8.00 (additional purchase of text and workbooks required)

Estimated Homework Time: 4-5 hours per week

The first semester of Latin IV will be a continuation of Latin III with a focus on Roman history, buildings, and literature during the period of the emperors, with readings from Vergil, Ovid, Horace, Petronius, Pliny, and Martial. During the second semester, students will read and analyze the first two books of Vergil's *Aeneid* to get a head start on AP Latin V. As with all CCS Latin classes, a parent should attend class with the student so that proper assistance can be given at home. This course requires at least 1 hour of focused Latin study every day, and students likely will need a great deal of parental support.

Logic: Socratic Logic II

Dan Dunn

Prerequisite: Socratic Logic I

Tuition: The instructor is offering this class at no cost.

Materials Fee: \$15.00 (additional purchase of books required)

Estimated Homework Time: 3 hours per week

This is the second part of a two-year course of Formal and Material Logic, the science of sound reasoning. Formal logic looks at the form or structure of arguments, specifically the three acts of the mind: simple apprehension, judgment, and deductive inference; Material Logic focuses on the content of an argument. Logic II involves a much more detailed study of the classical syllogism and continues the study of material logic. Class format will be in-class lecture, group discussion, and written exercises to do at home during the week.

Mathematics: Geometry

Lina Cahan

Prerequisite: Algebra I (see note below)

Tuition: \$350.00 (This class meets for 2 hours on Friday.)

Materials Fee: \$20.00 (additional purchase of textbook required)

Estimated Homework Time: 3-4 hours per week

NOTE: Students not currently enrolled in Mrs. Cahan's Algebra I class will be required to take an entrance exam at CCS to verify readiness for Geometry. Students who do not pass but are only deficient in a few areas may still be allowed to take the course provided they complete assigned summer work to bring them up to a satisfactory level. This will be at the teacher's discretion.

This course will include deductive reasoning and proofs, geometric definitions, postulates, and theorems, the coordinate plane, introduction to trigonometry, and polygons/circles/solids. There will be approximately 2-3 hours of homework each week. The class will use Harold Jacob's *Geometry* curriculum. Text should not be purchased prior to passing the entrance exam.

Mathematics: Precalculus

Lina Cahan

Prerequisites: Algebra II and Basic Trigonometry (see note below)

Tuition: \$350.00 (This class meets for 2 hours on Friday.)

Materials Fee: \$20.00

Estimated Homework Time: 4 hours per week

NOTE: Students not currently enrolled in Mrs. Cahan's Algebra II class will be required to take an entrance exam at CCS to verify readiness for Precalculus. Students who do not pass but are only deficient in a few areas may still be allowed to take the course provided they complete assigned summer work to bring them up to a satisfactory level. This will be at the teacher's discretion.

The course will include functions and their graphs and characteristics (polynomial, rational, exponential and logarithmic functions); extensive study of trigonometry; matrices; systems of equations; and sequences with some probability and statistics; conic sections and limits will be studied as well. There will be approximately 4 hours of homework each week. Text should not be purchased prior to passing the entrance exam.

The curriculum of this course can serve as a foundation for the SAT Subject Test in Math. Parents will need to 1) be responsible for January exam registration at their respective local high school, 2) purchase test specific study materials and 3) structure regular independent study for review purposes.

Mathematics: Tutoring

Tuition: \$50.00 per hour

Lina Cahan

Personal or small group instruction available in all math levels up to calculus. Contact Lina Cahan at 540-822-4140 or cahans@verizon.net to arrange time or groups.

Omnibus III: Modern

Prerequisites: None

Ages: 11 & up

Tuition: \$240.00 (This class meets 3 times a month for 1 1/2 hours.)

Materials Fee: \$115.00 (includes all handouts and all books EXCEPT summer reading books)

Estimated Homework Time: 6 hours per week

Cindy Leahy

This is the third of a six-year series addressing the literature, history and culture of major Western civilizations in chronological order. (We study ancients to medieval/renaissance to modern and then repeat the cycle with different literature.) Please note that students may join the Omnibus cycle at any year in the cycle; there is no prerequisite, though the Progymnasmata course is a good preparation. Optimal level is middle school/early high school. The course format will be a Paideia discussion (used in the Great Books program), which is based on close reading of literature and historical accounts. Readings will be excerpts chosen from key writings of the modern period. Students will read and discuss *Fahrenheit 451*, *Paradise Lost*, *Huckleberry Finn*, *Gulliver's Travels*, and *To Kill a Mockingbird*, with mini-units on American poetry. The readings will be analyzed for themes, structure and style; the interrelation between history, literature and culture will be emphasized. The goals of the Paideia approach are to build skills of inductive and deductive thinking through careful analysis of the text. The four major writing assignments will include two essays (a commonplace and a thesis) and two expressive writings, which will be speech-in-character papers. While the writing component may seem intimidating for younger students, all writings are genres of *Progymnasmata*, so most students will be familiar with their composition; additionally, while everyone will be able to do the speech-in-character assignments, those younger students who are not yet ready for the full essays will be encouraged to at least do the preparation for the essays and will receive class instruction for that purpose. Each full year is equal to 1 high school English credit.

Omnibus VI: Modern

Prerequisites: Omnibus V or permission of instructor

Tuition: \$240.00 (This class meets 3 times a month for 1 1/2 hours.)

Materials Fee: \$145 (includes all books) **Please note:** The school purchases these books so everyone has the same edition and pagination. Book pickup will be at two centralized locations during the summer.

Estimated Homework Time: 6 hours per week

Cindy Leahy

This is the final course of a six-year series addressing the literature, history and culture of major Western civilizations in chronological order. (We study ancients to medieval/Renaissance to modern and then repeat the cycle with different literature.) Please note that students may join the Omnibus cycle at any year in the cycle pending instructor approval. The course format will be a Paideia discussion (used in the Great Books program), which is based on close reading of literature and historical accounts. Readings will be chosen from key writings of the modern period. Students will read and discuss *Don Quixote* by Cervantes; *Faust* by Goethe; *Brothers Karamazov* by Dostoevsky; the essay -- Henry David Thoreau; the novella--*Daisy Miller* by Henry James; British poetry--Gerard Manley Hopkins and W.B. Yeats; the short story--Flannery O'Connor, O.Henry, Eudora Welty & James Thurber; *The Great Gatsby* by F. Scott Fitzgerald; modern drama--Thornton Wilder's *Our Town*. Summer reading will be *The Autobiography of Benjamin Franklin*. The readings will be analyzed for themes, structure and style; the interrelation between history, literature and culture will be emphasized. The four major writing assignments will include two major essays (two theses) a character analysis and an expressive writing (an imitation of style). In order to more fully develop student writing skills,

there will be class instruction and feedback via drafts for each writing assignment. Each full year will be equal to 1 high school English credit.

Philosophy II: Names

Dan Dunn

Prerequisites: Socratic Logic is helpful, but not required.

Ages: 14 & up

Tuition: The instructor is offering this class at no cost. (This class meets 1 ½ hours on Friday, 3 times a month.)

Materials Fee: \$60.00 (All readings, except those from the Bible, will be provided by the instructor.)

Estimated Homework Time: 4 hours per week

In Philosophy, we are all invited to deepen our love of wisdom. For the Ancients in the West, this love manifested itself in three distinct ways: Judaism, Christianity, and Hellenism. The meetings of Judaism and Christianity with Hellenism opened creative possibilities throughout the medieval period. Following the East-West Schism of the 11th century, and with the benefit of new Latin translations of the ancient Greek philosophers (Aristotle in particular), the Jewish, Christian and Muslim scholars of the West were able to develop unique approaches to questions of faith and reason. Within the Christian West, a new recognition of the autonomy of philosophy and science gave rise to new possibilities for education, but new challenges as well. A separation of faith and reason, of religion and science, ensued, often with antagonism between them. Will modern man be able to reason through to his responsibilities in this present age? In particular, how will people of faith respond to the fears and anxieties of this generation?

In "Philosophy II: Names", we will consider these questions through the lens of *Exodus* and the *Gospel of St. Matthew*, with a focus on what it means to be recognized by God and by man. We will read from *St. Paul's Letter to the Ephesians*, Plato's *Phaedo*, Aristotle's *Metaphysics*, St. Augustine's *City of God*, Books 15 and 19; St. Thomas Aquinas' *Summa Theologica* on man's last end and the law; and readings from Hobbes, Adam Smith, Kierkegaard's *Sickness Unto Death*, Marx, Vladimir Lossky, Martin Heidegger, and Jacques Ellul on Marx and on the problems of civilization. Homework will include reading and some written assignments. Work in class will be Socratic style discussion.

N.B.: *Philosophy I (Beginnings) and Philosophy III (Callings) continue this discussion using additional readings. Students may join Philosophy at any time during the three-year cycle.*

Physics

Jen Wright

Prerequisites: Algebra II and Basic Trigonometry

Ages: 15 & up

Tuition: \$350.00 (This class meets for 2 hours on Friday.)

Materials Fee: \$50.00

Estimated Homework Time: 4-5 hours per week

This is a high school level, college preparatory course in general physics. Approximately 40% of this class will focus on mechanics, including Newton's laws, momentum, energy, rotational motion, gravity, projectiles, and satellite motion. Electricity and magnetism, waves and optics, and heat and thermodynamics will comprise another 40%. Additional topics that will be covered are atomic and nuclear physics, sound and vibrations, and relativity theory. Though most topics will be approached conceptually, students will be expected to apply mathematics to solve many problems. If you are concerned about the mathematics involved or would just like some practice over the summer, please contact the teacher who can provide you with a detailed description of the math skills required to be successful in this course.

The curriculum of this course can serve as a foundation for the SAT Subject Test in Physics. Parents will need to 1) be responsible for January exam registration at their respective local high schools, 2) purchase test specific study materials and 3) structure regular independent study for review purposes.

Progymnasmata II

Cindy Leahy

Prerequisites: Progymnasmata I

Tuition: \$220.00

Materials Fee: \$45.00

Estimated Homework Time: 2-3 hours per week

Part two of a two-year course, this class is based on D'Angelo's college level text, *Composition in the Classical Tradition*, which is a modern adaptation of the 4th century B.C. rhetoric text by Aphthonius. *Progymnasmata* (which means *preliminary exercises*) is the ancient art and science of teaching the skills of writing. Similar to *The Institute for Excellence in Writing* program, this curriculum is more comprehensive in scope and also includes introductory study of literary and rhetorical devices. Over the two-year course, students are led step by step through eleven increasingly challenging genres of writing that steadily build their writing proficiencies. The culminating skill is the crafting of carefully structured persuasive essays. This second year uses all the skills of year one and examines the generation and arrangement of ideas in persuasive essays. Students will be learning to use ancient tools to analyze exemplary writings from all periods and then to write their own persuasive essays and speeches.

Research: The Craft of Research – fall and spring

Jeffrey Bass

Prerequisites: Progymnasmata II, Advanced Writing, or equivalent

Ages: 14 & up

Tuition: \$150.00 (This is a semester class and will be offered 1 ½ hours on Friday.)

Materials Fee: \$10.00 (additional purchase of text required)

Estimated Homework Time: 3 hours per week

This course is a comprehensive exploration of the research process from a published historian. Students will learn writing mechanics, essentials of citations and avoiding plagiarism, and strategies for working with primary and secondary sources to develop compelling paper topics and arguments. A wide range of resources will be presented to demonstrate different options for conducting research. Ideally students will develop an appreciation for research as an artistic enterprise with much opportunity for creativity. The course will culminate in a research project of at least eight pages from any academic discipline chosen by the student.

Rhetoric I

The Rev. Thomas W. Simmons IV

Prerequisites: Progym II and Logic II

Tuition: \$220.00 (may be higher due to enrollment numbers)

Materials Fee: \$30.00 (additional book purchases required)

Estimated Homework Time: 3 hours per week

The first of the two-year culminating course of the core logic/rhetoric strand, this course will enable all the tools developed in the Progymnasmata and Logic courses to become readily accessible for incisive analysis and articulate expression. Students will study *Aristotle's Rhetoric* and, applying the principles detailed by Aristotle, will analyze seminal speeches and essays, and hone their skillful use of rhetoric by giving speeches. They also study Mortimer Adler's classic text *How to Read a Book* on the best techniques for getting the most from a book.

SAT Prep Class – fall and spring

Jeffrey Bass

Prerequisites: Intended for high school juniors and seniors preparing to take the SAT exam this year

Ages: 15 & up

Tuition: \$100.00 (This is a semester class . This class meets for 1 hour on Friday.)

Materials Fee: \$30.00 (no additional text required)

Estimated Homework Time: 3 hours per week

Provides intensive training for math, critical reading, and writing sections of SAT from a college professor. The emphasis will be on critical thinking, test-taking strategies, and writing mechanics. In addition to resources provided by the Princeton Review, students will take instructor-designed exams that replicate the SAT experience. Hands-on learning will be a constant feature of the classroom experience as students develop a greater ability to think on their proverbial feet.

Speech: Advanced Speech

Debbie Snyder

Prerequisites: None

Ages: 14 & up

Tuition: \$200.00 (This class meets for 1 hour on Friday.)

Materials Fee: \$20.00

Estimated Homework Time: less than 1 hour per week

This class will focus on competitive storytelling and platform speaking (Original Oratory, Persuasive, Expository, & Motivational speaking). Interpretive (Dramatic, Humorous, & Duo) speaking will also be included. Students will be encouraged to participate in local Stoa tournaments (stoausa.org). [Participation in tournaments is encouraged but NOT required.] The Lincoln Douglas resolution will be announced in May 2015.

N.B.: Students who took Speech at the Classical Cottage School in 2014/2015 are welcome to join the 2015/2016 class. The focus of the class will be different, and experienced students will have the opportunity to develop leadership and coaching abilities while continuing to grow in skills alongside the newer students.

Studio Art I

Laura Stevens

Prerequisites: None

Ages: 11 & up

Tuition: \$220.00 (This class meets 3 times a month for 1 ½ hours.)

Materials Fee: \$80.00

Estimated Homework Time: little to no homework

Students will develop their skills and abilities in art production using art elements, principles, media -processes, subject matter and themes and then use these skills to express their own ideas both on paper and in 3D form. Students will use a sketchbook weekly (covered in the materials fee) as every project will require a preliminary sketch. Typography, Collage, Graphic Design, Relief Printing and Sculpture will be included in this class.

Studio Art: High School

Laura Stevens

Prerequisites: Students should have a basic knowledge of the fundamentals of art

Ages: 14 & up

Tuition: \$220.00 (This class meets for 1 ½ hours on Friday.)

Materials Fee: \$80.00

Estimated Homework Time: little to no homework

Students will develop their skills and abilities in art production using art elements, principles, media -processes, subject matter and themes and then use these skills to express their own ideas both on paper and in 3D form. Students will use a sketchbook weekly (covered in the materials fee) as every project will require a preliminary sketch. Typography, Collage, Graphic Design, Relief Printing and Sculpture will be included in this class.

N.B.: This high school level class assumes a basic knowledge of the fundamentals of art.

Study Skills

Leigh Ann Lynch/ Julie Shanabrook

Prerequisites: None

Ages: 11—12

Tuition: \$220.00 (This class meets 3 times a month for 1 ½ hours.)

Materials Fee: \$30.00

Estimated Homework Time: 1-2 hours per week

Want to launch your middle schooler? The primary focus of this class will be study/organizational skills. Students will practice fundamental study skills including reading text actively and abstracting key points, brainstorming and webbing, creating study guides, memory techniques, oral note taking, test taking skills, time management and materials organization, and public speaking. This interactive class will encourage group discussion and the making of connections with prior knowledge. Throughout the course, students will compile a comprehensive study skills notebook. Our goal is to help the students actively engage with written and spoken

information to allow them to retrieve, apply and connect their knowledge. Most weeks expect one hour or less of homework, outside of application of skills learned to other classwork.

Study Skills Seminar – September

Leigh Ann Lynch/Julie Shanabrook

Prerequisites: None

Ages: 14 & up

Cost of Seminar: \$40

Materials Fee: \$30

Date and Time: Thursday, September 3rd, 2015, 9:00 am – 1:00 pm

N.B.: Instructors will contact you later in the summer regarding location and other information.

Eager to see more independence in your high schooler when it comes to managing time wisely, especially as it relates to school work? Consider a half-day overview of study skills and habits necessary for success in high school and beyond. Complete with all handouts from the year-long class, this seminar will guide and instruct high school students to take ownership of their time, schedule, and work habits through interactive training and discussion. This seminar will launch your son or daughter to a new level of independence and accountability.