

2019-2020 Classical Cottage School, Inc. UPPER SCHOOL COURSE DESCRIPTIONS

***Unless otherwise noted, all classes are offered for one hour, one day a week for 32 weeks.
Tuition is based on a minimum of 10 students and may be adjusted for lower enrollment.***

The Upper School classical curriculum has three core strands that are essential for the purpose of developing the tools of learning. Each core strand—Latin; Progymnasmata/Logic/Rhetoric; and Omnibus—comprises five or 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 Upper School Coordinator before making a final determination of when your student should begin each core strand. In addition to these core courses, we offer several additional classes that can serve to complete or enrich a classical education.

CLASSICAL CORE STRANDS

Latin

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

Progym/Logic/Rhetoric

Progymnasmata I
Progymnasmata II
Logic I
Logic II
Rhetoric

Omnibus

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

SPECIAL NOTE for any courses designed to help students prepare for AP exams or SAT Subject Tests: We are fortunate to have these courses taught by teachers who are both well-qualified and experienced in teaching their fields of study. Often the course syllabi are in sync with College Board curricular parameters, and many of our 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 meeting to give parents a more detailed orientation will be offered in January.

American Sign Language (Level I)

Becky Marks

Prerequisites: none

Ages: 12 and older

Tuition: \$240.00

Materials Fee: \$85.00 (includes \$65.00 for the textbook, which the teacher will purchase, and \$20.00 for materials)

Estimated Homework Time: 1-2 hours per week

This course focuses on everyday communication as the centerpiece of every lesson. The classes are conducted in American Sign Language (ASL) from the very first day; students should come to each class prepared to sign with the teacher and other classmates. The teacher will use gestures, signs, drawings and act out situations to get the point across, and the student's job is to keep trying! The focus on immersion learning may sound daunting at first, but this approach parallels what we know about language development and successful second-language learning. Grammar is introduced in context, with an emphasis on developing question and answering skills. Students will learn strategies to help them engage in conversation, and various interactive activities will allow them to rehearse what they have learned. This course satisfies one high school foreign language credit.

American Sign Language (Level II)

Becky Marks

Prerequisites: ASL I, or the equivalent

Ages: 12 and older

Tuition: \$260.00 (This class meets 3 times a month for 1 ½ hours each session)

Materials Fee: \$85.00 (*includes \$65.00 for the textbook, which the teacher will purchase, and \$20.00 for materials*)

Estimated Homework Time: 1-2 hours per week

This course focuses on everyday communication as the centerpiece of every lesson. Topics revolve around sharing information about our environment and about us. Grammar is introduced in context, with an emphasis on developing question and answering skills. Students will learn conversational strategies to maintain a conversation. The instruction will be in the target language as this approach parallels what we know about language development and successful second-language learning. Interaction activities allow students to rehearse what they've learned. In addition, students will be required to attend Deaf Socials throughout the year. This course satisfies a second year of high school foreign language credit.

AP English Exam Preparatory Seminar (late January - early April) **Cindy Leahy**

Prerequisites: a background in Progyrnasmata and Omnibus, or by teacher permission

Ages: 16 and older

Tuition: \$150.00 for 6 three-hour sessions on Mondays (exact dates and time TBD)

Materials Fee: \$30.00

An intense preparatory class for students intending to take the Advanced Placement English Language & Composition and/or the English Literature exams. These tests are an excellent way for students who have had several years of Progyrnasmata 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 strategies; 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.

Biology with Lab

Jon Corbett

Prerequisites: none

Ages: 14 and older

Tuition: \$400.00 (This class meets for 2 hours on Fridays.)

Materials Fee: \$20.00* (additional purchase of textbook and lab manual required)

Estimated Homework Time: 4 hours per week

**Additional purchase of lab supplies is also required and will be determined after class enrollment numbers are known (in order to keep costs reasonable).*

This course is a high school laboratory science covering the science of life. Topics will include: basic chemistry of life, cell structure, cellular metabolism, photosynthesis, cellular and organism reproduction, genetics, natural history, taxonomy, and plant and animal structure and anatomy. Labs will provide hands-on learning and support for topics covered in lecture. The writing of lab reports and journal keeping will be an introduction to scientific writing. Students will be expected to come to class having read the textbook selection and having generated questions to ask during the lecture. Practice exercises will be given for homework to both reinforce content as well as to promote critical thinking skills as it relates to understanding the scientific process, particularly as it relates to nature and life. Emphasis will be placed on scientific literacy, and tests and quizzes will be given regularly to demonstrate mastery. Biology can be a lot of fun: there will be a plant/animal scavenger hunt in the spring!

An additional book will be assigned to supplement the study of origins. Parents and students will be able to choose from one of 5 books. Students can read the book per their leisure but must submit a thoughtful and critical paper formulating their positions on the issue by year's end.

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.

Computer Science (Introduction to)

Joel Fouse

Prerequisites: completion of Algebra I (not Pre-algebra)

Ages: 13 and older

Tuition: \$350.00 (This class meets for 1 ½ hours each week.)

Materials Fee: \$35 (no textbook required, but students will need a laptop computer)

Estimated Homework Time: 2-4 hours per week

This course is an introduction to the exciting world of computers and will give students a glimpse into how computers work and how to make a computer do their bidding. In this class, which will meet the Virginia Standards of Learning requirements for Computer Science Foundations, students will establish a foundation of basic computer operations, learn and practice core programming concepts, and explore fundamental concepts of networking and cybersecurity. Programming assignments and projects will primarily utilize the Python programming language and supporting tools. Students will have assigned homework each week, vocabulary to learn, a quiz at the start of each class, opportunities for bonus self-driven learning, and a final project to build for the end of the year. No previous programming experience is required, though general typing skills are highly beneficial. Students must have a laptop computer with WIFI capability running Windows 7 or above or a relatively current version of Mac OS X or Linux to bring to class, and will need access to this same laptop and the internet at home. Students will need permission to download and install software on their computer including the Python development environment and Slack (used for communication on non-class days), and will need to have or sign up for a Google account. Students should also come to class prepared with means to take notes and receive occasional handouts.

A computer science course, while certainly building a practical skill set for today's world, can also serve to fulfill a number of requirements for the Virginia Advanced Studies Diploma. Computer Science can provide required course credit in mathematics, the sciences, or the career and technical subject areas.

Economics & Personal Finance

Jeannine Garber

Prerequisites: none

Ages: 13 and older

Tuition: \$240.00

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

Estimated Homework Time: 3 hours per week

This course will cover the basic concepts 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 complete 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

Gabrielle Whalen

Prerequisites: none

Ages: 12—14

Tuition: \$350.00 (This class meets for 1 ½ hours on Fridays.)

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

Estimated Homework Time: 3-4 hours per week

The 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, weather, fresh water, the atmosphere, and the solar system, as well topics in environmental and life science. Students will be required to do weekly reading and other assignments, and weekly quizzes will be administered. Students will also learn how to research and present small topics related to the material that we are studying.

This course is meant to be a foundation from which students gain an understanding of the nature and purposes of science and of those mental and physical behaviors that characterize science as a human process. Students will become familiar with the concepts of science that will have lasting relevancy.

Geography: Cultural Geography: Eurasia

Janette Cascio

Prerequisites: knowledge of country locations and major physical features of Eurasia

Ages: 13 and older

Tuition: \$240.00

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

Estimated Homework Time: 1-2 hours per week

Cultural geography is the study of the relationships between humans and their natural environment. This course will study the complex physical and human factors that have shaped the different regions of Eurasia. Students will explore the process, patterns, and functions of human settlement as well as how cooperation and conflict amongst people influence these settlements. We will also study how human actions modify the physical environment and how physical systems affect human systems. We will talk about current events in this region but will not talk about the politics connected to those events. It will be assumed that students know the locations of all of the countries and major physical features of Eurasia. This high school geography course can satisfy one of the four credits of history/social sciences required for the Virginia Advanced Studies Diploma.

Government: U.S. Government & Politics (AP)

Jeannine Garber

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

Ages: 14 and older

Tuition: \$380.00 (This AP level class meets for 1 ½ hours each week.)

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 policy-making 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 1/3

Molaika Beer

Prerequisites: completion of Latin 3/3 or 2/2 strongly recommended

Ages: 12 and older

Tuition: \$240.00

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

Estimated Homework Time: 4-5 hours per week

A beginner's class in Ancient Greek! Start the journey to reading classic, ancient texts like Homer and Plato in their original language. Students should expect a rigorous but rewarding course, where daily review of vocabulary, charts, and grammar is essential to the attainment of reading fluency. Through diligent study of the rudiments of the language, students give themselves access to the most radiant, profound, and influential texts of Western Civilization. Some preparatory work in learning the Greek alphabet must be done in the weeks leading up to the fall semester. Parents are always welcome, but not obligated, to attend the class.

History: Advanced Topics in American History (AP)**Patrick McCarthy****Prerequisites:** a basic foundation in American History**Ages:** 14 and older**Tuition:** \$350.00 (AP level class)**Materials Fee:** \$25.00 (additional purchase of books required)**Estimated Homework Time:** 3-4 hours per week

Designed for those students who would like to explore American history in greater depth and engage in rich conversation about the foundations of our nation, this course assumes a preliminary exposure to United States history, and that students will possess a knowledge of basic chronology, major figures and determining events. The class will read two fascinating accounts— de Tocqueville's *Democracy in America* (a classic account of American institutions, published in 1833) and Whittaker Chambers's *Witness* (the ultimate Cold War classic) to understand our nation's culture and history in greater depth. The two texts *A Politically Incorrect Guide to American History* by Dr. Thomas E. Woods and *A People's History of the United States* by Howard Zinn will also help prepare students for the Advanced Placement United States History exam in the spring of 2020.

History: American Stories & Civil War**Lonnie Barham****Prerequisites:** none**Ages:** 12 and older (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:** \$240.00**Materials Fee:** \$20.00**Estimated Homework Time:** No homework is required for this class.

American Stories & Civil War is intended for the history buff and enthusiast or for 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 handouts 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.

History I (Middle School): Ancients**Kelly Summers****Prerequisites:** none**Ages:** 11—13**Tuition:** \$240.00**Materials Fee:** \$65.00 (no additional textbook purchase required)**Estimated Homework Time:** 2-3 hours per week

The class will begin in the Ancient World. We will study gods and goddesses, the great minds of Athens, and the grandeur and chaos of Rome. We will seek to uncover the mysteries of the pharaohs and march with Moses out of bondage. This class will be taught in a format of audio/visual lectures. When the year is finished, the students will have a scrapbook of their adventures through this fascinating time. Because there is no textbook, the teacher will be creating the curriculum from whole cloth to best reflect the foundations of Western Civilization while not ignoring our Judeo-Christian heritage. This requires a great deal of time and printer ink, necessitating a higher materials fee.

History of Western Civilization I: Ancients

Daniel LaPré

Prerequisites: none

Ages: 14 and older

Tuition: \$240.00

Materials Fee: \$45.00 (additional purchase of textbook required)

Estimated Homework Time: 2 hours per week

This history course will delve into the civilizations of Ancient Greece, Ancient Rome, and Late Antiquity Rome (which includes New Testament Christianity). From the remarkable ideas of the ancient Greeks to the Roman civilization that inspired America's Founding Fathers, students will discover just how much these cultures have influenced later European history and the West.

Latin 1/2

Jennifer Albertson

Prerequisites: strong reading and writing skills

Ages: 11 and older

Tuition: \$240.00

Materials Fee: \$10.00 (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 one hour of focused Latin study every day, and students will likely need a great deal of assistance at home.

Latin 2/3

Nancy Juday

Prerequisites: CCS Latin 1/3 or equivalent

Tuition: \$240.00

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

Estimated Homework Time: 1 hour per day (4 hours per week)

This is the second of a three-year sequence of Latin I for younger students who are tackling *Lingua Latina* at a slower pace than the Latin 1/2 track. This year students will work through chapters 9—16 of the text. Students must have completed Latin 1/3 (through chapter 8) successfully in order to continue. **A parent MUST attend the class with the student.** Homework will require 45-minutes to 1 hour of focused Latin study every day, and students likely will need a great deal of assistance at home.

Latin II

Nancy Juday

Prerequisites: CCS Latin 3/3 or 2/2, or equivalent

Tuition: \$260.00

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

Estimated Homework Time: 1 hour per day (4 hours per week)

This course completes the minimum requirement for two years of a foreign language at the high school level and finishes the majority of the study of Latin grammar. **A parent is required to attend class with the student** so that proper assistance can be given at home. Homework will require one hour of focused Latin study every day, and students likely will need a great deal of parental support.

Latin IV

Molaika Beer

Prerequisites: CCS Latin III

Tuition: \$350.00

Materials Fee: \$10.00 (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. A parent may attend class with the student so that proper assistance can be given at home, but attendance is not required at this level. This course requires at least one hour of focused Latin study every day, and students will likely need a great deal of parental support.

Logic II: Aristotelian Formal Logic

Josh Hummer

Prerequisite: CCS Logic I: Aristotelian Material Logic, or the equivalent

Tuition: \$240

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

Estimated Homework Time: 3 hours per week

Aristotelian Logic is an in-depth study of the classical syllogism. The second year of Logic builds on the careful foundation laid in Logic I. This study included Material Logic, which is concerned with "what" things are and the question of "truth". It also focused on the beginnings of Formal Logic, which is concerned with the structure of the argument.

Formal Logic considers the three acts of the mind: simple apprehension, judgment, and deductive inference. In Logic I, the emphasis was on the first two acts of the mind. In Logic II, the emphasis is on the third act of the mind: deductive inference. The focus is on the syllogism, on how to construct syllogisms and test syllogisms for validity. The basic syllogism is studied as well as more difficult types including: enthymemes, sorites, epicheiremas; hypothetical, disjunctive, and conjunctive syllogisms, and dilemmas. Class format will be in-class lecture, group discussion, and written exercises to do at home during the week.

Mathematics: Geometry

Meg Hudson

Prerequisite: Algebra I (see note below)

Tuition: \$500.00 (*This class offers 3 weekly hours of instruction*.*)

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

Estimated Homework Time: 4-6 hours per week

NOTE: Students not currently enrolled in Mrs. Cahan's or Mrs. Hudson'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 determination will be at the teacher's discretion.

Geometry includes geometric figure properties, trigonometric relationships, and deductive axiomatic methods of proof to justify theorems and to tell whether conclusions are valid. Methods of justification will include paragraph proofs, flow charts, two-column proofs, indirect proofs, coordinate proofs, and verbal arguments. Inductive and intuitive approaches will also be used. Geometry also includes emphasis on two- and three-dimensional reasoning skills, coordinate and transformational geometry, and the use of geometric models to solve problems. Problem-solving skills, including algebra, will figure significantly in principle application.

*This class meets twice per week. One class will be held off-site on another day during the week (at a location determined by the instructor, with the input of the families registered for the class), and the second class will be held at our CCS location at Bethel Lutheran Church on Fridays, along with our other STEM offerings. Each class will be 1 ½ hrs in length, for a total of 3 hours of instruction per week, and additional tutoring will be available as well.

Mathematics: Pre-algebra

Meg Hudson

Prerequisites: completion of Math 7

Ages: 12 and older

Tuition: \$500.00 (*This class offers 3 weekly hours of instruction*.*)

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

Estimated Homework Time: 4 hours per week

Pre-algebra bridges the gap between elementary school arithmetic and Algebra 1. An initial review of arithmetic is conducted for the purpose of identifying skill gaps and providing reinforcement work where

necessary. Integers and integer operations are introduced early in the course. Throughout the course, we revisit the idea of 'number' as we cover different ways of writing numbers -- decimals, fractions, +/-, percents and exponents. Operations on fractions are covered in detail. We foster a basic understanding of the role of 'definition' in mathematics, culminating in understanding the definition of a rational number. We also introduce the notion of 'set,' to discuss different sets of numbers, including whole numbers, natural numbers, integers and rational numbers. The very basic ideas of algebra are introduced, including variables, evaluation of expressions with variables, and equation solving. Factoring of numbers (prime factorization), basic graphing, probability and rudimentary geometry are also covered. Throughout the course, we learn together with a willingness to review elementary mathematics as necessary in order to fill gaps before beginning the Algebra 1 journey. All scholars need a willing attitude and a commitment to give proper focus and time to their pre-algebra mathematics course.

*This class meets twice per week. One class will be held off-site on another day during the week (at a location determined by the instructor, with the input of the families registered for the class), and the second class will be held at our CCS location at Bethel Lutheran Church on Fridays, along with our other STEM offerings. Each class will be 1 ½ hrs in length, for a total of 3 hours of instruction per week, and additional tutoring will be available as well.

Mathematics: Precalculus

Meg Hudson

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

Tuition: \$500.00 (*This class offers 3 weekly hours of instruction**)

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

Estimated Homework Time: 4- 6 hours per week

NOTE: Students not currently enrolled in Mrs. Cahan's or Mrs. Hudson'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 determination 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 4-6 hours of homework each week. Text should not be purchased prior to passing the entrance exam mentioned above.

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.

*This class meets twice per week. One class will be held off-site on another day during the week (at a location determined by the instructor, with the input of the families registered for the class), and the second class will be held at our CCS location at Bethel Lutheran Church on Fridays, along with our other STEM offerings. Each class will be 1 ½ hrs in length, for a total of 3 hours of instruction per week, and additional tutoring will be available as well.

Omnibus I: Ancient Epic & History

Cindy Leahy

Prerequisites: none

Ages: 11 and older

Tuition: \$280.00 (This class meets 3 times a month for 1 ½ hours each session.)

Materials Fee: \$110.00 (includes all handouts and books)

Estimated Homework Time: 6 hours per week

This is the first of a six-year series addressing the literature, history and culture of major Western civilizations in chronological order. Each full year is equal to one high school English credit. (The courses progress through ancient/medieval and renaissance/modern time periods and then repeat the cycle with different literature.) Please note that students may join the Omnibus cycle at any time during the first three years; 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. The goals of the Paideia approach are to build skills of inductive and deductive thinking through careful analysis of the text. Readings will be excerpts chosen from key writings of the ancient period. Students will read and discuss George Orwell's *Animal Farm*, Homer's *Iliad* and *Odyssey*, and Vergil's *Aeneid*, along with excerpts from Herodotus, Thucydides, Livy, Suetonius, Plutarch and Aristophanes. The year's emphasis will be an examination of the oral and written traditions, as well as a study of the epic and of history as a genre. The readings will be analyzed for themes, structure and style; the interrelation between history, literature and culture will be a constant focus. The four major writing assignments will include two essays (a commonplace and a thesis) and two expressive writings, which will be speeches-in-character. 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.

Omnibus IV: Ancient Drama & History

Cindy Leahy

Prerequisites: none

Ages: 13 and older

Tuition: \$280.00 (This class meets 3 times a month for 1 ½ hours each session.)

Materials Fee: \$200.00 (includes all handouts and books)

Estimated Homework Time: 6 hours per week

This is the fourth of a six-year series addressing the literature, history and culture of major Western civilizations in chronological order. (The courses progress through the ancient/medieval and renaissance/modern time periods 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. Optimal level for Omnibus IV is 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. The goals of the Paideia approach are to build skills of inductive and deductive thinking through careful analysis of the text. Readings will be excerpts chosen from key writings of the ancient period with early epic, the development of Greek drama, Aristotle's theory of tragedy, and the variety of approaches to written history being the focus for the year. Students will read and discuss Gilgamesh, Herodotus' *Histories*, Livy's *Early History of Rome*, Aeschylus' *Oresteia* trilogy and *Seven Against Thebes*, Sophocles' *Theban* cycle, Euripides' *Medea* and *Electra*, Aristophanes' *Knights* (abridged), and Plautus' *Braggart Soldier*. We'll also read excerpts from Thucydides and Suetonius' historical accounts. 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 essays (a thesis and an encomium) and two expressive writings (a modern myth and an imitation). 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 is equal to one high school English credit. Parents of students intending to take the Advanced Placement English exams should be sure to register for the A.P. preparation seminar that is offered second semester.

Philosophy: Introduction to Philosophy - Epistemology

Tory Albertson

Prerequisites: Logic is the perfect precursor to Philosophy, but is not required.

Ages: mature 15-year-olds and above

Tuition: \$280.00 (*this class meets 1 ½ hours for the equivalent of 3 times per month; see note below*)

Materials Fee: \$20.00 (plus additional cost for optional Wilderness Trip, TBD; textbook listed on Upper School Booklist will serve either year of this two-year course)

Estimated Homework Time: 3 hours per week

This course is an introduction to the great discipline of philosophy, taught according to the following general principles: a) ideas are an integral and causal aspect of reality, b) that these ideas, rightly or wrongly held, have profound import on how we live, and c) the reality we experience was created and is sustained by God (as understood from a Christian perspective). Practically, this course will introduce students to the great philosophical thinkers throughout history—from the ancient Greeks, bridging to the Christian philosophers, and including analyses of some modern thinkers as well. Students will gain a

sense of philosophical categories, become oriented to critical ideas throughout history, be guided to develop an appetite for what is good and true, and begin to see the relationship between ideas held and a life lived. Wisdom comes with the right and accurate application of knowledge. To give opportunity to see how philosophical ideas can be engaged on an individual, communal and daily level, there will be an optional three-day, two-night Wilderness Trip in the great outdoors offered at the end of the school year.

The goal of our introductory Philosophy class at the high school level is to introduce students to the great questions posed by this discipline with the intent of whetting their appetites for further and deeper study in later years and to begin to build a discernment for truth. We offer two years of *Introduction to Philosophy* that can be taken in any order.

N.B.: Due to the instructor's shift-based work as a firefighter, the class schedule will be somewhat unique. Not counting holidays, there will typically be six instructor-led class sessions in a row followed by three "alternate sessions", during which will be planned either an in-class test proctored by a CCS-approved adjunct or will serve as the "off days" typical of other 1 ½ hour CCS classes offered 3 times a month.

Physics with Lab

Jen Wright

Prerequisites: Algebra II and basic Trigonometry

Ages: 15 and older

Tuition: \$400.00 (This class meets for 2 hours on Fridays.)

Materials Fee: \$50.00

Estimated Homework Time: 4-5 hours per week

This is a high-school level, college preparatory course in general physics. Course topics will be aligned with the content and approximate percentage established for the SAT Subject Test in Physics. These topics include Newton's laws, momentum, energy, rotational motion, gravity, projectiles, electricity and magnetism, waves and optics, and heat and thermodynamics. Atomic and nuclear physics, sound vibrations and relativity will be treated more briefly. Though most topics will be approached conceptually, the class will focus strongly on mathematics to prepare students for the subject test and college level sciences. In order to determine if your student has the skills to be successful in physics, please contact the teacher who can provide a detailed description of the math skills required. In addition, the teacher is available for private tutoring over the summer to get students to the necessary level before class begins in the fall.

In addition to weekly class, the teacher will be available via online video conference once per week for students who occasionally need questions answered, clarification of difficult concepts and help with homework. Students will need to sign up in advance each week for this additional help. Students who need more intensive tutoring on a regular basis may arrange that with the teacher for an additional fee.

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 school; 2) purchase test specific study materials and systematically have the student work through them in conjunction with the course; and 3) structure regular independent study for review purposes.

Progymnasmata II

Cindy Leahy

Prerequisites: Progymnasmata I

Tuition: \$260.00

Materials Fee: \$55.00

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.

Rhetoric

The Rev. Dr. Thomas W. Simmons IV

Prerequisites: minimum of CCS Logic I, or the equivalent

Ages: 15 and older

Tuition: \$260.00

Materials Fee: \$45.00 (additional book purchases required)

Estimated Homework Time: 3 hours per week

Everyone wants to persuade someone. But how to do it well? By mastering *rhetoric*, the art of persuasion. Rhetoric is considered the capstone of a classical education in which students learn to write and speak with force and originality. The student of Rhetoric applies the tools from Progymnasmata and Logic and the foundational information gained in early grades, and learns to express his or her conclusions in clear, compelling, and elegant language.

Students will study Aristotle's *Rhetoric and Poetics* and apply those principles to analyze dozens of seminal speeches. They will also learn by doing - writing and presenting regular, peer-evaluated essays and speeches. Our goal is mastery of rhetoric, thereby equipping young scholars to go forth as persuasive leaders in the home and church, the community and commerce, the nation and the world.

Spanish 1/2

Christy Landers

Prerequisites: none

Ages: 12 and older

Tuition: \$350 (This class meets weekly for 1 ½ hours on Fridays.)

Materials Fee: \$70 (includes a \$40 Book Rental Fee that will be returned to families at year's end)

Estimated Homework Time: 2 hours per week

This program focuses on the Four Core objectives in Spanish learning (Reading, Writing, Speaking, and Listening). Using the *Realidades 1* textbook by Prentice Hall, we will speak, listen, and read in Spanish during classtime through music, poems, short stories, skits, and hands-on games and activities. Writing is also a main focus in order to better learn verb conjugations and grammar.

Spanish II

Christy Landers

Prerequisites: Spanish I (Spanish 1/2 and 2/2 at CCS), or approval from teacher

Ages: 12 and older

Tuition: \$350 (This class meets weekly for 1 ½ hours on Fridays)

Materials Fee: \$70 (includes a \$40 Book Rental Fee that will be returned to families at year's end)

Estimated Homework Time: 2 hours per week

This program focuses on the Four Core objectives in Spanish learning (reading, writing, speaking, and listening) We will use the *Realidades 2* textbook by Prentice Hall. We will speak, listen, read, and write in Spanish during classtime through music, poems, short stories, skits, and hands on games and activities. Writing is also a main focus in order to better learn verb conjugations and grammar. Combined with Spanish 1/2 and 2/2, completion of Spanish II will be the equivalent of two years of high school Spanish.

Speech & Debate

Debbie Snyder

Prerequisites: none

Ages: 12 and older

Tuition: \$350.00 (this class meets weekly for 1 ½ hrs per session)

Materials Fee: \$50.00

Estimated Homework Time: 1-2 hours a week, unless competing in tournaments

Both speech and debate skills help with the development of public speaking and self-confidence. The overarching goal is for students to be comfortable with public speaking in all areas of life. The speech portion of the class will focus on interpretive, platform, and other types of speaking. The debate portion will focus on Parliamentary Debate, concentrating on critical thinking and thoughtful argumentation.

Students will be encouraged to participate in local Stoa tournaments (stoausa.org), but this participation is not mandatory.

Note: Students who have taken Speech or Debate at CCS in previous years are welcome and encouraged to take the class again. The focus of the class is different each year, and debate resolutions change alongside current events. Therefore, 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. Leadership opportunities always look good on a resume!

Studio Art - Drawing

Karen Magro

Prerequisites: none

Ages: 12 and older

Tuition: \$260 (this class meets 3 times a month for 1 ½ hours per session)

Materials Fee: \$65*

Estimated Homework Time: 20-30 minutes a day

*Students will be given all supplies on the first day of class, including one sketchbook. Families may need to provide additional sketchbook(s) if their student fills the one provided (so they can continue daily drawing assignments).

Drawing skills are foundational to every other art form. This class will train students in the habit of careful observation so they can more accurately translate objects they see in the real world to a drawn form on paper. Materials will be of good student quality to provide an inspiring experience and motivation to explore the medium. In-class projects will introduce new techniques for capturing what we observe with graphite, ink, and watercolor, and students will apply lesson tips, strategies, and hacks at home with daily sketchbook assignments. Homework is designed to develop a creative habit through daily practice and exploration, and sketchbooks will become a portfolio that chronicles student growth.

Study Hall

Fee: \$10.00

Study Hall is intended for students who are mature enough to sit and work independently for an entire hour. They must bring enough work to occupy their time and understand that Study Hall is not a social hour. Our Study Hall Monitors do not assist with schoolwork. Students must register for Study Hall in advance. Study Hall is offered throughout the day as long as classrooms are available.

Study Skills

Leigh Ann Lynch/Julie Shanabrook

Prerequisites: none

Ages: 11—13

Tuition: \$260.00 (This class meets 3 times a month for 1 ½ hours each session.)

Materials Fee: \$30.00

Estimated Homework Time: 30—60 minutes per week

Want to launch your middle schooler? The primary focus of this class will be study and 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. The last 30 minutes of each class will be dedicated to keyboarding skills to increase fluency of typing and knowledge of word processing programs. 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 practical application of skills to homework for other classes. Access to a laptop computer during class is required.