

Classical Cottage School, Inc. 2020-2021

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. These courses are intended for mature middle school or high school students, and are organized below according to subject area.

***SPECIAL NOTE for any courses designed to help students prepare for AP exams or SAT Subject Tests:** We are fortunate to have these designated courses taught by teachers who are both well-qualified and experienced in teaching within 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 (AP) 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 early fall exam registration at their respective local high school or for researching to find another high school that is administering the desired 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 September.*

CLASSICAL CORE COURSE STRANDS:

The Classical Cottage School Upper School curriculum has three core course strands that offer our students a robust classical education, both in content and methodology. Each strand comprises five or six years of concurrent study and the courses within each strand are offered in cycles. Please see the page titled “Overview of Upper School Core Strands” in the Registration Packet for more information.

NOTE ABOUT OUR LATIN CLASSES: *If you intend to enter the CCS Latin program mid-series (with enrollment in a class other than a beginning, entry-level class), you will need to contact the Registrar to request an exception from the Board before registering.*

Latin 1/3

Nancy Juday

Prerequisites: strong reading and writing skills

Ages: 9-11

Tuition: \$240.00

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

Estimated Homework Time: 30-45 minutes per day (3 hours per week)

This is the first of a three-year sequence of Latin I for younger students who are ready to begin tackling *Lingua Latina* at a slower pace than the Latin 1/2 track. Students in the Latin 1/3 course will complete chapters 1—8 of the textbook. Students should be able to read and write well. A parent **MUST** attend the

class with the student. Homework will require 30-45 minutes of focused Latin study every day, and students will need a great deal of assistance at home.

Latin 3/3

Nancy Juday

Prerequisites: CCS Latin 2/3 (if student has not taken CCS Latin 2/3, special permission is required to enroll in this class)

Tuition: \$240.00

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

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

This is the last 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 17—24 of the text. Students must have completed a portion of Latin I (through chapter 16) successfully in order to register for this course. A parent MUST attend the class with the student. Homework will require approximately 1 hour of focused Latin study every day, and students will likely need a great deal of assistance at home.

Latin 2/2

Jennifer Albertson

Prerequisites: CCS Latin 1/2 (if student has not taken CCS Latin 1/2, special permission is required to enroll in this class)

Tuition: \$240.00

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

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

This year-long course is the second half of Latin I for middle-school or high-school students. Chapters 13—24 of *Lingua Latina* will be covered in this course which, together with Latin 1/2, equals one high school credit for foreign language. A parent is required to attend class with the student so that proper assistance can be given at home. Homework will require approximately 1 hour of focused Latin study every day, and students will likely need a great deal of assistance at home.

Latin III

Jennifer Albertson

Prerequisites: successful completion of CCS Latin II

Tuition: \$260.00

Materials Fee: \$25.00 (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 excerpts surveying Roman history from its beginnings through the fall of the Empire. The Latin text is primarily taken from authors Eutropius and (abridged accounts from) Livy, but also includes selections from more modern curricula Latin writers. To allow the students to place the Latin writings in context and to give a fuller picture of Roman history,

each unit also includes short English readings from definitive texts, color images of the art and architecture of Rome with short explanations in the workbook, and links to educational videos - all of which are specially chosen and designed to bring the history to life. At the end of each of the three major time periods in Roman history the students will be assigned a project designed not only to deepen the students' grasp of the material and give the students an opportunity to present or write on topics of interest, but also to help them pull back from the details and place the historical events into the overarching story of this exciting and formative time in human history! Students and parents can expect that this year of Latin will largely be an opportunity to use all the grammar that they have already worked so hard to learn in Latin I & II. There is little in the way of "new grammar" but rather this course offers a year to really solidify all that they have learned. Students will be challenged to read more difficult constructions, as Latin III is designed to be an excellent bridge to the more challenging Latin prose and poetry studied in Latin IV and V. As with all CCS Latin classes at this level, a parent is required to attend class with the student so that proper assistance can be given at home. Homework will require approximately one hour of focused Latin study every day, and students will likely need a great deal of parental monitoring and support.

N.B. If a student wishes to take the SAT Latin Subject test at the end of Latin III he/she will also need to enroll in the SAT Latin prep seminar to gain a brief introduction to poetry. Poetry and scansion is included in the SAT test, but will not be studied until Latin IV.

SAT Latin prep seminar (6-week mini course offered in the spring)

Molaika Beer

Prerequisites: concurrent enrollment in Latin III, or by request

Tuition: \$15

Materials Fee: \$0

Estimated Homework Time: 20 mins. per week

Students in this seminar will learn to scan Latin poetry written in dactylic hexameter. The course will cover all of the rules of scansion, as well as provide ample practice in poetry scansion, in order to prepare students for the SAT Latin subject test.

Latin V (AP)

Molaika Beer

Prerequisites: CCS Latin IV

Tuition: \$350.00

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

Estimated Homework Time: 5-6 hours per week

Students will read selections from two authors' works: Virgil's *Aeneid* and Julius Caesar's *Commentaries on the Gallic Wars*. This course is designed for students who have proven their grammar and translation skills in Latin IV and who are eager to continue their Latin studies in order to enjoy reading these fine works of literature and to prepare for the Latin AP exam in May. Students should engage in diligent daily

study of 1–1.5 hours a day. Through in-class discussions and frequent essays, students will learn the skills of analysis of the Latin text and continue to sharpen their translation skills. Parents are welcome, but not required, to attend Latin class with their students.

Progymnasmata I

Cindy Leahy

Prerequisites: none

Ages: 12 & up (11 yr olds may take Progym if they have successfully completed one year of CCS Latin)

Tuition: \$260.00

Materials Fee: \$65.00

Estimated Homework Time: 2-3 hours per week

Part one of a two-year course, this class is based on D’Angelo’s *Composition in the Classical Tradition*. Progymnasmata (which means “preliminary exercises”) is the ancient art and science of teaching the skills of writing. This curriculum is similar to The Institute for Excellence in Writing program, but more comprehensive in scope and also includes an introductory study of literary and rhetorical devices as well as an introduction to fallacies and techniques of persuasion. Over the two-year course, students are led step-by-step through eleven increasingly challenging genres of writing and will steadily build their writing proficiencies. Genres to be studied this first year include: narratives, descriptions, fables, proverbs and anecdotes. The culminating skill is the crafting of carefully structured persuasive essays.

Logic: Socratic Logic I

Josh Hummer

Prerequisites: Progymnasmata II, or concurrent enrollment in Progymnasmata I

Ages: 13 & up

Tuition: \$240.00

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

Estimated Homework Time: 3 hours per week

Socratic Logic is a two-year logic program that begins with the study of Formal Logic, the science of correct thinking. Formal logic looks at the form or structure of arguments, specifically the three acts of the mind: simple apprehension, judgment, and deductive inference. The class will consist of in-class lecture, group discussion, interactive activities, and written exercises to do at home during the week. In Socratic Logic I, students will complete Martin Cothran’s *Traditional Logic, Book I* and begin *Traditional Logic, Book II*, which will be completed during the second year of this course. (After completing *Traditional Logic, Book II*, students in Logic II the following year will round out their logic studies using Peter Kreeft’s text *Socratic Logic, A Logic Text Using Socratic Method, Platonic Questions and Aristotelian Principles*.)

Rhetoric

David Owen

Prerequisites: minimum of CCS Logic I, or the equivalent

Ages: 15 & up

Tuition: \$260.00

Materials Fee: \$20.00 (additional book purchases required)

Estimated Homework Time: 3 hours per week

Rhetoric is considered the capstone of a classical education, which brings the other parts of a student's academic experience into a harmonious whole. In the "grammar stage" a student acquires the building blocks of knowledge. In the "logic stage," one learns the rules of abstract thought and begins applying them in each academic area. In the "rhetoric stage" students learn to write and speak with force and originality. The student of rhetoric applies the rules of logic to the foundational information gained in the early grades and learns to express his or her conclusions in clear, elegant, compelling language.

More than a broad stage within the classical model applicable to all subject areas, the specific and carefully designed Rhetoric course offers students the opportunity to study "the greatest book on communication ever written", Aristotle's *Rhetoric and Poetics*, and apply the principles therein to analyze dozens of seminal speeches. They will also learn by doing - writing and presenting regular, peer-evaluated essays and speeches. The goal is to work towards a mastery of rhetoric (sometimes described as the art of persuasion) thereby equipping young scholars to go forth as persuasive, effective leaders in the home and church, the community and commerce, the nation and the world.

Omnibus II: Medieval and Renaissance

Cindy Leahy

Prerequisites: none

Ages: 11 & up

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

Materials Fee: \$145.00 (includes all books for the class and handouts)

Estimated Homework Time: 6 hours per week

This is the second 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 time during the first three years. The optimal level to begin is middle school/early high school; there is no prerequisite, though the Progymnasmata course is a good preparation. 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 whole texts or excerpts chosen from key writings of the medieval/renaissance period. Students will read and discuss *Beowulf*, Dante's *Divine Comedy* and Shakespeare's *Romeo and Juliet*, with excerpts from *The Song of Roland*, *The Canterbury Tales*, and the

Arthurian legend. The readings will be analyzed for themes, structure, and style; the interrelation between history, literature, and culture will also be emphasized. The four major writing assignments for this class 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 students taking that course 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 one (1) high school English credit.

Omnibus V: Medieval and Renaissance

Cindy Leahy

Prerequisites: none

Ages: 13 & up

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

Materials Fee: \$140.00 (includes all books for the class and handouts)

Estimated Homework Time: 6 hours per week

This is the fifth 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 optimal level for Omnibus V 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 whole texts and excerpts chosen from key writings of the medieval and renaissance periods with poetry, the development of English literature, English drama, tales of chivalry, and medieval political philosophy being the focus. In particular, we will read and discuss sonnets, *Morte D'Arthur*, *Sir Gawain and the Green Knight*, excerpts from *The Fairie Queene*, *Doctor Faustus*, Medieval political philosophy, *Utopia*, *The Prince*, *Merchant of Venice*, *Richard III*, and *Macbeth*. Readings will be analyzed for themes, structure and style; the interrelation between history, literature and culture will also be emphasized. The four major writing assignments will include two major essays (two theses) and two expressive writings (a sonnet and 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 is equal to one (1) high school English credit. Parents of students intending to take the Advanced Placement English exams should be sure to register for the AP preparation seminar that is offered second semester.

AP English Preparatory Class (late January — early April)

Cindy Leahy

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

Ages: 16 & up

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 (AP) English Language & Composition and/or the AP English Literature exams. 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/or avoid having to take freshman English. Coursework will include: a thorough overview of 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.

PHILOSOPHY:

The goal of our introductory Philosophy classes 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.

Introduction to Philosophy: Metaphysics

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 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.

ADDITIONAL LANGUAGES:

In addition to Latin, we offer American Sign Language, Spanish, and Greek. These classes offer further opportunities for our students and can serve to fulfill foreign language requirements on a high school transcript.

American Sign Language (Level I)

Becky Marks

Prerequisites: none

Ages: 12 & up

Tuition: \$240.00

Materials Fee: \$85.00 (includes \$75.00 for the textbook, which the teacher will purchase, and \$10 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 (1) high school foreign language credit.

American Sign Language (Level II)

Becky Marks

Prerequisites: ASL I, or the equivalent

Ages: 12 & up

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

Materials Fee: \$85.00 (includes \$75.00 for the textbook, which the teacher will purchase, and \$10 for materials)

Estimated Homework Time: 1-2 hours per week

This course builds on level 1 course materials and continues to focus on everyday communication as the centerpiece of every lesson. Topics revolve around sharing information about us and our environment. Grammar is introduced in context, with an emphasis on developing question and answering skills. Students learn conversational strategies to help 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. Interactive activities allow students to rehearse what they have learned. In addition, students will be required to attend Deaf socials throughout the year to provide cultural

immersion and further communication experience. This course satisfies one (1) high school foreign language credit.

Spanish I

Renee LaFaver

Prerequisites: none

Ages: 12 & up

Tuition: \$240

Materials Fee: \$10

Estimated Homework Time: 2 hours per week

Students will work their way through the comprehensive scope and sequence provided by the *Spanish for Mastery I* curriculum. They will learn to conjugate common verbs, use everyday conversational phrases, and memorize vocabulary thematically. A fair amount of the Spanish spoken in class will be done with a partner or in small groups. Students will practice reading and writing as well. There will be in-class activities and interesting projects to do at home.

Spanish III

Renee LaFaver

Prerequisites: Spanish II, or approval from teacher

Ages: 12 & up

Tuition: \$240

Materials Fee: \$10

Estimated Homework Time: 2 hours per week

This program focuses on the four core objectives in learning Spanish (reading, writing, speaking, and listening). We will use the content-rich *Spanish for Mastery* textbook series by Valette and Valette. Class time will include verb drills, grammar instruction, extensions of memorized thematic vocabulary (utilizing the beautifully designed *Kingfisher* 2-page vocabulary spreads as a launching point for conversation), and interaction with peers via dialogues in Spanish. The focus of class time will be speaking and listening, and most of the class will be conducted in Spanish. Some writing assignments are also included in order to better learn verb conjugations and grammar and as a fun enrichment activity.

Greek 2/3

Molaika Beer

Prerequisites: completion of Greek 1/3, or equivalent as determined by the teacher

Ages: 12 & up

Tuition: \$240.00

Materials Fee: \$20.00

Estimated Homework Time: 4-5 hours per week

This course builds on the foundation laid in Greek 1/3. Students will continue to accumulate vocabulary and an understanding of increasingly sophisticated grammar. In addition to the stories from the textbook, students will read longer excerpts from Classical Greek poets, tragedians, and historians, as well as from the Gospel of Luke. Daily review of vocabulary, charts, and grammar is essential to the attainment of reading fluency. Parents are always welcome, but not obligated, to attend the class.

HISTORY / SOCIAL SCIENCES:

We offer a series of three chronological middle school history classes, one offered each year. For high school, we have a two-year History of Western Civilization course series and a two-year American History series. When possible, it is recommended students take the Western Civilization history courses first, which lay a strong foundation for the in-depth study of American History to follow. Also offered is the ever popular American Stories enrichment class and three additional classes in the broader social sciences: World Geography, Economics & Personal Finance, and Civics.

History II (middle school): The Glory of the Middle Ages

Kelly Summers

Prerequisites: none

Ages: 11—13

Tuition: \$240.00

Materials Fee: \$60.00 (covers the many handouts and art projects; no additional textbook purchase required)

Estimated Homework Time: 2 hours per week

This class is part of a 3-year history cycle designed for middle schoolers. This year's class will focus on the rich art, architecture, and history of the Medieval Era. Starting with the Fall of Rome and the Early Church, we will move through the Norman invasion into castles, cathedrals, and the importance of the Catholic Church during this period. Major rulers, events, and their impact on the age will be discussed. Classes will be lecture with audio-visual components. As so much of this era is visual, we will also create a "scrapbook" of castles, cathedrals, knights, and more! Rather than tests and papers, knowledge is tested with quiz games like Jeopardy. The competition is fierce, and the kids love it!

History of Western Civilization II: Medieval & Modern European

Daniel LaPré

Prerequisites: none

Ages: 14 & up

Tuition: \$240.00

Materials Fee: \$45.00 (additional purchase of textbook required unless a student has already taken History of Western Civilization I; the same text is used for both courses in this series)

Estimated Homework Time: 3-4 hours per week

This course covers the history of Europe from the high middle ages of the 1200's to the modern period. Although the major events, personalities, and themes of European civilization are covered, this course is most focused on the history of the English within Western Civilization since it is the most direct influence and heritage of the United States. Major topics will include Medieval Christianity, the Hundred Years War, King Edward I of England, the Black Death, Henry VIII and the English Reformation, Columbus and the Age of Exploration, the English Civil War, the Wars of Religion, the Enlightenment, the French Revolution, Napoleon, the Industrial Revolution, English colonies in America, American Civil War, the rise of Germany and Italy, WW I, the Depression, WW II, and the Cold War. 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.

American History I:

Patrick McCarthy

Prerequisites: History of Western Civilization classes recommended, but not required

Ages: mature 14-year-olds & older

Tuition: \$350.00

Materials Fee: \$50.00 (due to the unavailability of certain texts, the materials fee covers the necessary photocopies for this class; additional purchase of books also required - see Booklist)

Estimated Homework Time: 3-4 hours per week

This course is part of a two-part American History series that offers an in-depth examination of key ideas and events that have shaped our nation's history. The best way to understand "New World" American history is to examine its relationship to the "Old World" of Europe - its ancient civilizations (Greece, Rome, and the Israel of the Old Testament), the medieval Church, and lastly early modern Europe. In pursuit of this goal, American History I will weave key classical European texts into the study of American history from the founding of Jamestown in 1607 through the beginning of the Civil War (American History II will pick up where American History I ended and take students up to modern day). In addition, the course uses history texts expounding contrasting viewpoints (that of Alexis de Toqueville from the 1800's, and modern authors Woods and Zinn) to try to teach students to understand differing opinions and perspectives, in order to better discern historical truth. Students who wish to take the AP American history test are strongly encouraged to enroll in this course and American History II the following year. Students should expect to read challenging excerpts of 20-25 pages prior to each week's class discussion.

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: \$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 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 keep for their own use or 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.

Geography: World Geography

Janette Cascio

Prerequisites: basic knowledge of maps and continents

Ages: 12 & up

Tuition: \$240.00

Materials Fee: \$30.00 (additional purchase of atlas required; instructor will notify families later in the summer of the most up-to-date edition to order)

Estimated Homework Time: 1-2 hours per week

This is an advanced geography class that focuses on the locations of countries, states, provinces, islands, major cities, bodies of water, and other physical features. Students will gain cultural geographic knowledge to help understand the diverse world in which we live and will explore the unique characteristics of each continent. A basic knowledge of maps and continents is expected. The instructor will provide information over the summer that students will be expected to know the first day of class. Homework will focus primarily on labeling maps.

Economics & Personal Finance

Jeannine Garber

Prerequisites: none

Ages: 13 & up

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.

Civics

Jeannine Garber

Prerequisites: none

Ages: 13 & up

Tuition: \$240.00

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

Estimated Homework Time: 3 hours per week

The Civics class will cover American democracy (including the people and our history), citizenship, state and local governments, the law, and political parties and interest groups. There will be an emphasis on the U.S. Constitution, including the Bill of Rights and Amendments 11-27, and an emphasis on the three branches of government. We strongly recommend that students planning to take AP U.S. Government & Policy, complete Civics first in preparation.

MATHEMATICS:

Math classes are planned on a rotating schedule; this year Algebra I and Algebra II are offered. Due to the nature of the subject matter, math classes are held twice a week on Tuesdays (at the public library in Front Royal) and Fridays (at CCS in Winchester).

Algebra I

Meg Hudson

Prerequisites: Pre-algebra or Math 8

Ages: 13 & up

Tuition: \$500.00*

Materials Fee: \$25.00 (additional purchase of textbook required, or rental from the teacher)

Estimated Homework Time: 3-4 hours per week

The following topics will be covered in this course: order of operations, real numbers and their operations, distributive property, solving linear equations, functions, ratios, graphing lines, direct variation, solving and graphing inequalities, linear systems, exponents and operations, radical expressions, quadratics, polynomials and factoring, and the Pythagorean theorem.

N.B. A required entrance test, to be scheduled with the instructor, will indicate readiness for the course.

** This class meets twice per week. Classes will be held on Tuesdays (in Front Royal at the public library) and Fridays at CCS. Each class will be 1 ½ hours for a total of 3 hours instruction time per week. The teacher has requested some flexibility if needing to address family concerns, but guarantees at least 58 class sessions throughout the year. If desired, tutoring outside of class is available by making arrangements with the teacher.*

Algebra II

Meg Hudson

Prerequisites: Algebra I & Geometry (exceptions to the Geometry prerequisite must be pre-approved by the instructor prior to registration; see additional note below)

Ages: 14 & up

Tuition: \$500.00*

Materials Fee: \$25.00 (additional purchase of textbook required, or rental from the teacher)

Estimated Homework Time: 4-5 hours per week

The following topics will be covered: equations and inequalities, functions, scatter plots, absolute value, solving systems in 2 or 3 variables, matrices, graphing and solving quadratic equations, complex numbers and radical (irrational) numbers, exponents and their properties, finding rational zeros of polynomials, rational exponents, inverse functions, exponential and logarithmic functions, direct/inverse variation, rational functions, conics (circles, ellipses, hyperbolas), probability, statistics, and series and sequences.

N.B. Students not currently enrolled in Mrs. Hudson's Geometry class will be required to take an entrance exam to verify readiness for the course. 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. Final determination will be at the teacher's discretion.

** This class meets twice per week. Classes will be held on Tuesdays (in Front Royal at the public library) and Fridays at CCS. Each class will be 1 1/2 hours for a total of 3 hours instruction time per week. The teacher has requested some flexibility if needing to address family concerns, but guarantees at least 58 class sessions throughout the year. If desired, tutoring outside of class is available by making arrangements with the teacher.*

SCIENCE AND OTHER STEM CLASSES:

We offer two middle school/early high school science classes this year: General Science (with a Life Science focus) and Physical Science (an introduction to chemistry and physics). For older high school students, both Chemistry and Human A&P are offered this year. In addition, two levels of introductory Computer Science are offered and these may fulfill a math or science credit on a high school transcript, per the Standards of Quality as determined by the Virginia Department of Education.

General Science: Life Science**Gabrielle Whalen****Prerequisites:** none**Ages:** 12—14**Tuition:** \$350.00**Materials Fee:** \$40.00 (additional purchase of inexpensive textbook also required)**Estimated Homework Time:** 3-4 hours per week

This course is designed to give students an overview of common topics in Life Science including heredity, living organism diversity, cell structure and division, ecosystems and the human body. This course is an excellent foundation for biology. Students will be required to do weekly homework assignments and quizzes, and they will also learn how to analyze and present relevant topics through weekly presentations. Students will also take part in labs that are designed to bring concepts together through observation and hands-on experience.

Physical Science: Intro to Chemistry & Physics**Jen Wright****Prerequisites:** none**Ages:** 13-14**Tuition:** \$350.00**Materials Fee:** \$35.00 (additional purchase of textbook & workbook required)**Estimated Homework Time:** 2-3 hours per week

This class serves as an introduction to chemistry and physics for early high school students and mature 8th graders. It will cover topics such as matter and its properties, changes of state, elements and the periodic table, atoms and bonding, motion, forces, energy and simple machines. Students will be challenged to apply simple math to science problems, perform data analysis, create and interpret graphs and apply the scientific method. Hands-on labs, demonstrations, and activities will provide interactive opportunities for learning. Students will be expected to be able to write out vocabulary definitions, take notes in class, and complete practice pages and critical thinking exercises. Online chapter quizzes will be used to assess student progress.

Human Anatomy and Physiology with Lab**Gabrielle Whalen****Prerequisites:** high school Biology highly recommended**Ages:** 15 & up**Tuition:** \$350.00**Materials Fee:** \$60.00 (includes dissection kit)**Estimated Homework Time:** 3 hours per week

This course will focus on examining the histology, anatomy, and physiology of the human body. Students will study the systems of the body, with lab dissections providing hands-on experience and reinforcement

of class content. Labs will include a fetal pig dissection (specimen must be taken home in-between classes) and other specimens for lab dissection in class. While this class is an important follow-up to Biology, it will be less intensive.

Chemistry

Jen Wright

Prerequisites: Algebra I

Ages: 15 & up

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

Materials Fee: \$150 (includes interactive virtual lab, course plans, answer key, lab report guide & general class materials; an inexpensive textbook is the only additional cost - see Booklist)

Estimated Homework Time: 4-5 hours

This course will utilize the *Kolbe Academy Core Chemistry with Lab* curriculum to give students a solid understanding of the science of chemistry at the high school level. Topics to be covered include scientific measurement, matter and its changes, atomic structure, the periodic table, ionic, covalent and metallic bonding, chemical names and formulas, reactions, stoichiometry, solutions, thermochemistry, acids, bases, salts, and oxidation-reduction reactions. The lab component will be primarily virtual with a one (1) year software license for *Labster* included in the materials fee. Students must have a computer which can run the interactive virtual labs. (Teacher can provide hardware requirements upon request.) The virtual lab format* is best suited for CCS chemistry since we are unable to utilize open flames or caustic chemicals at our host facility. Students will be asked to submit lab reports as part of their grade. Having most labs performed virtually at home allows class time to be better utilized for instruction, practice problems, and individual help with what can be challenging material. Some simple hands-on labs will be performed in class, as well as demonstrations and activities to aid comprehension.

*Teacher's note on the interactive virtual lab component: *Having done several of the interactive labs myself, I feel they are an effective way to simulate actual lab work and will probably aid with understanding, since feedback is immediate and gently guides students to come to the correct conclusions.*

N.B. This course is not designed to be a complete preparation for the Chemistry SAT II, however a dedicated student could, with parental oversight, use it as a starting point from which to prepare him/herself by using an SAT prep book and spending extra time with the material each week.

Computer Science I

Joel Fouse

Prerequisites: completion of Algebra I

Ages: 13 & up

Tuition: \$350.00

Materials Fee: \$35.00 (no textbook required, but students will need a laptop computer)

Estimated Homework Time: 2-4 hours per week (less at the start of the year, more at the end)

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 meets 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.

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 career and technical subject areas.

Computer Science II

Joel Fouse

Prerequisites: successful completion of Computer Science I or permission from the teacher prior to registration

Ages: 13 & up

Tuition: \$240.00

Materials Fee: \$35.00 (no textbook required, but students will need a laptop computer)

Estimated Homework Time: 2-4 hours per week

This advanced course is a continuation of Computer Science I, and is an appropriate next step for students who have demonstrated a good level of aptitude and proficiency with the concepts introduced in the previous course. We will focus primarily on exploring and practicing object oriented programming concepts, again utilizing the Python programming language. Students will have assigned homework each week, opportunities for bonus self-driven learning, and a final project to build for the end of the year. Laptop requirements remain the same as for the previous course, and continued practice with typing skills would be highly beneficial.

ARTS & COMMUNICATIONS:

The following courses offer students valuable learning opportunities to enrich a classical education. They include Chorale Singing, Studio Art and Speech & Debate.

Chorale: Fundamentals of Choral Singing

Sofia Cuddeback

Prerequisites: none

Ages: 12 & up

Tuition: \$240.00

Materials Fee: \$15.00

Estimated Homework Time: 1-2 hours per week

The purpose of this course is to give its participants the joyful experience of group singing in unison and in parts. This course will develop ear training through aural memorization and repetition in class, and the Ward method will be used to teach solfege as a transition to rudimentary sight singing. The course will use English and American folk music, rounds, Negro spirituals, Latin chant and polyphony, and will particularly focus on Christmas carols in the first semester. Homework will consist in listening to provided recordings (sent as email attachments) and memorization of lyrics. No previous singing or choral experience needed - only a good attitude!

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: 30 minutes a day (or more, depending on student motivation and interest)

*Students will be given 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 trains 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. Class time is used to introduce and demonstrate concepts, and to socratically “coach” students with strategic questions to help them see objects differently, experiment, and begin to ask questions of themselves that will lead to new ideas and solutions to artistic challenges. Students will work with graphite, ink, and colored pencil; materials are carefully selected for a level of quality that will provide an inspiring experience and motivation to explore the media further. Assignments will build on past lessons, challenging students to apply what they have learned in class to their daily sketchbook assignments. Homework is designed to help students develop a creative habit through daily practice and exploration,

and sketchbooks will become a portfolio that chronicles student growth. The class will culminate in a final project of the student's choice that demonstrates skills learned and practiced all year.

Speech & Debate

Debbie Snyder

Prerequisites: none

Ages: 12 & up

Tuition: \$350.00

Materials Fee: \$50.00 (includes Debate Source Book & handouts)

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 participation is not mandatory.

N.B. Students that 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!

ENRICHMENT / OTHER OFFERINGS:

The following classes or seminars are opportunities for study of a more practical nature. These are classes that do not necessarily fall under a particular subject area, but yet serve to enhance a student's liberal arts education.

Current Events

Daniel LaPré

Prerequisites: none

Ages: 13 & up

Tuition: \$260.00 (this class meets 3 times a month, for 1 ½ hours per session.)

Materials Fee: \$30

Estimated Homework Time: 1 hour

This class offers students an opportunity to read about and discuss current events happening in our local area, our nation, and around the world. In order to take advantage of the opportunity to learn from and discuss the topics surrounding a major election year, the first third of the academic year will focus on the 2020 Presidential Election. Later months will include discussion and analysis of recent historical events (covering the events of 9/11 for example, including causes leading up to the attack, responses to it, and effects on society up to the present day). Students will learn about events and people in the news from sources with differing perspectives. The instructor will help place current events in the context of history, both modern and more remote. Students will be given assignments to read an article(s) on a designated topic and/or location and present informally on the information learned.

Please note: Events or issues of a sensitive nature will not be discussed and students will be guided to choose appropriate topics for homework assignments.

Handicrafts

Marina Bise / Kathleen Soutsos

Prerequisites: none

Ages: 12 & older

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

Materials Fees: \$60.00

This class will teach students to create different types of handicrafts (handmade textiles). We will spend four to six weeks on each skill - crocheting, crewel stitching, and three different ways to knit, all while using natural fibers. We will also learn to make hand-sewn books, with additional projects peppered in throughout the year. Materials fees to include yarn, all types of needles needed, fabric material, and other supplies for projects.

Study Skills Seminar – Thursday, September 13th

Leigh Ann Lynch / Julie Shanabrook

Prerequisites: none

Ages: 13 & up

Cost of Seminar: \$70.00

Materials Fee: \$35.00 (due with tuition)

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 comprehensive overview of study skills and habits necessary for success in high school and beyond. Complete with a study skills binder containing all handouts from the year-long class, this one-day seminar will guide and instruct high school students to take ownership of their time, schedule, and work habits through interactive training and discussion. The binder includes a learning styles inventory, weekly schedule planner, and homework assignments template. This seminar will launch your son or daughter to a new level of independence and accountability. The one-day seminar will be held Thursday, September 13th, from 9 am - 1 pm at Classical Cottage School.

Study Hall

Fee: \$20.00 (one-time fee, for the year)

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.