Course Descriptions Michiana Covenant Academy 2013-2014

Courses are grouped into trimester offerings. Courses are then listed alphabetically by subject, and by grade level.

If a class has a lab requirement, both the lab and the class must be taken.

Unless otherwise specified, many courses may be started at any trimester, with the permission of the instructor.

First Trimester Classes

Art

Art (K-2) 1st Trimester

This is a foundation art class that will focus on the elements and techniques of art. In this first trimester, student artwork will be based on what they learn about Aegean, Greek and Etruscan art. Students will explore both two-dimensional and three-dimensional artwork. A syllabus will be sent home with supplementary information about the styles, techniques and art terms that we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 8

Class time: 1:30-2:20 pm

Class level: K-2

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Art (3-5) 1st Trimester

This is a foundation art class that will focus on the elements and techniques of art. In this first trimester, student artwork will be based on what they learn about art along the Silk Road. Students will work with textiles, clay and paint. A syllabus will be sent home with supplementary information about the areas, styles, techniques and art terms that we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 12

Class time: 12:30-1:20 pm

Class level: 3-5

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Art (6-8) 1st Trimester

This art class will focus on the techniques of North American Indian and Inuit art and artists. Students will work with a wide range of media to create original designs based on studied art. A syllabus will be sent home with supplementary information about the styles, techniques and history of what we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 12

Class time: 11:00-11:50 am

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Art (9-12) 1st Trimester

This fine arts class will focus on Renaissance art and artists. Students will examine works of art and use the styles and techniques to create original works of their own. There will be supplementary reading about the styles, techniques and history of what we discuss in class. There may be some light homework. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 12

Class time: 3:30-4:20 pm

Class level: 9-12

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Drawing (7-12) 1st Trimester

Students will use the five basic elements of shape and focus on composition drawing. This first trimester students will focus on building backgrounds and environments through shading. There will be an emphasis on light and shadows and learning how to compose realistic settings. There will be 2-3 hours of homework per week. Students may take their portfolios home on the last day of class. This is an ungraded class unless parents request otherwise before the first class. There may be an optional museum tour scheduled during the trimester.

Class size: 15

Class time: 2:30-3:20 pm

Class level: 7-12

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: one 9" x 12" spiral pad of drawing paper (60lb minimum), 1 tri-tip eraser black

or white, one Stump set (small, med., large), one of each pencil: #2B, #4B, #6B

Geography

Geography (3-5) 1st Trimester

Students will start their study of world geography as they take a look at Australia, New Zealand, and the surrounding Pacific Islands. Where are they on the globe? What type of animals would you see? What would be a fun place to visit? What are the people like? Students should have access to an atlas. There will be some research homework and this course will be graded.

Class size: 10

Class time: 1:30-2:20 pm

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee:

Materials needed: folder or binder, pencil, notebook paper

Grammar

Grammar 5 (4-6) Shurley English Homeschooling Level 5 I of III

Classes will cover approximately one chapter per week. Class time will be spent learning and reinforcing grammar concepts and oral recitation. Students will learn basic editing and writing skills. Writing assignments will reinforce learned concepts. Weekly homework will include a take home test, writing assignment and brief exercises to reinforce what is learned during class. The test and exercises will be due Tuesdays at 12:00pm via e-mail, or handed in on Wednesday at the beginning of class. The writing assignments will be due at the start of class.

Class size: 5 minimum

Class time: 10:00-10:50 am

Class level: 4-6

Taught by: Kathleen Williamson

Materials fee:

Materials needed: <u>Shurley English Homeschooling Workbook Level 5</u> ISBN: 9781585610334, one spiral notebook to use as a journal, 3-ring binder and pen/pencil. A clipboard will be helpful.

Grammar 7 (6-8) English Made Easy Level 7 The Shurley Method I of III

Classes will cover approximately one chapter per week. Class time will be spent learning and reinforcing grammar concepts, diagramming sentences, and oral recitation. Students will learn editing and writing skills including three point paragraphs, narrative and persuasive writing, note taking, research papers and some creative writing. Writing assignments may vary somewhat from the text. Weekly homework will include a take home test, writing assignment and brief exercises to reinforce what is learned during class. The test and exercises will be due Tuesdays at 12:00pm via e-mail. The writing assignments will be due at the start of class.

Class size: 5 minimum

Class time: 3:30-4:20 pm

Class level: 6-8

Taught by: Kathleen Williamson

Materials fee:

Materials needed: English Made Easy Level 7 ISBN: 978-1881940524, 3 ring binder and

pen/pencil. A clipboard will be helpful.

History

Ancient History (5-8) I of III

This is the first of three courses that will provide an introductory survey of the ancient world as part of a four-year sequence in world history. This world history survey is designed to prepare students for the high school history and literature classes.

This class, "Ancient Egypt and Mesopotamia," will introduce students to the period from Creation to the Persian Empire (ca. 400 B.C.). The student's primary work will be learning how to use online resources to identify key people, events, and places. The information gathered during the week will be analyzed and discussed in class to show how it all fits together.

The final grade will be based on class participation, completion of weekly assignments, quizzes, and a final exam.

There is a strong emphasis on geography and map reading skills.

Class size:

Class time: 1:30-2:20 pm

Class level: 5-8

Taught by: Dr. Peter J. Wallace

Materials fee:

Materials needed:

Ancient History (9-12) I of III

This is the first of three courses that will cover several classic works of history from antiquity. In this first trimester students will read *The Codes of Hammurabi and Moses*, *Deuteronomy*, *Samuel-Kings*, and Herodotus' *The Histories*.

The object of this course is to understand the relationship of Law and History in the ancient world. The "Law" of Moses – the *Torah* – consists of five books which mostly recount *history*. The Code of Hammurabi has a religious introduction and conclusion. Samuel-Kings has often been described as "Deuteronomic History." Herodotus, sometimes called "the Father of History," is also quite interested in the laws and customs of various nations.

This course is designed to dovetail with the "Ancient Literature" course in order to help students understand the interplay of literature, politics, religion, and culture. The instructors of the two courses will confer regularly in order to help students connect history and literature within a Christian worldview. The final grade will be based on class participation, completion of study questions, an exam, and an essay. To facilitate class discussion, the following editions will be required:

1. W. W. Davies, The Codes of Hammurabi and Moses

www.amazon.com/Codes-Hammurabi-Moses-W-Davies/dp/1933993138

- 2. Deuteronomy (ESV)
- 3. Samuel-Kings (ESV)
- 4. Herodotus, *The Histories* (Landmark edition)

www.amazon.com/Landmark-Herodotus-Histories-Robert-Strassler/dp/1400031141

Recommended text book (for exams and background for study questions):

Donald Kagan, Steven Ozment, Frank M. Turner, *The Western Heritage*, combined volume, third edition)

http://www.amazon.com/Western-Heritage-Combined-Brief-CD-ROM/dp/0130415782/

(You are welcome to get a newer edition – but since I use this edition, I will base my questions on the assumption that the student is familiar with what is in this version! Wikipedia is now frequently as accurate as a textbook – but the quality is variable, and the textbook will provide a shorter and a more coherent narrative.)

Class size:

Class time: 9:00-9:50 am

Class level: 9-12

Taught by: Dr. Peter J. Wallace

Materials fee:

Materials needed:

Literature

Elementary Literature (3-5) 1st Trimester

It's all about dogs. Man's best friend. "Shiloh" by Phyllis Naylor, "Sounder" by William H. Armstrong, and "Where the Red Fern Grows" by Wilson Rawls are the basis for our study this first trimester. Students will learn and apply basic literature terms, like character, theme, climax, and plot, to their reading. Students will have homework for the class and this course will be graded.

Class size: 10

Class time: 11:00-11:50 am

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee:

Materials needed: books listed above, folder or binder, pencil, notebook paper

Literature (6-8) 1st Trimester

The goal of this class is to help intermediate students discern and understand literature and literary devices such as plot, themes, and character. In this first trimester students will read four novels about journeys and community: *Adventures of Tom Sawyer* by Mark Twain, *Things Fall Apart* by Chinua Achebe, *Armageddon Summer* by Jane Yolen and Bruce Coville and *Bless Me Ultima* by Rudolfo Anaya. We will approach the literature within a Christian worldview. The final grade will be based on class participation, study questions, weekly quizzes, one essay and final exam. Reading load will be about 100-145 pages per week.

Class size: 10

Class time: 9:00-9:50 am

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee:

Materials needed: The books listed above, any edition but no abridged versions, 3 ring binder for course packet (to be handed out in class), and paper for taking notes. Internet access will be helpful.

Ancient Literature (9-12) I of III

This is the first of three courses that will cover several classic works of ancient literature as part of the first year of a four-year sequence of college preparatory literature courses. Students will read *Gilgamesh*, *The Book of Job* and other wisdom literature, and Homer's *Odyssey*. The course dovetails with the "Ancient History I" course in order to help students understand the interplay of literature, politics, religion, and culture. The instructors of the two courses confer regularly in order to help students connect history and literature within a Christian worldview. The final grade will be based on class participation, completion of study questions, weekly quizzes, essays, and a final exam. To facilitate class discussion, the following editions will be *required*:

Gilgamesh (David Ferry version) http://amzn.to/1a1w0rJ

The Book of Job and other wisdom literature (course packet)

Homer, *The Odyssey* (Robert Fitzgerald translation) http://amzn.to/13AXwMn

Class size:

Class time: 12:30-1:20 pm

Class level: 9-12

Taught by: Dr. A. B. Deliyannides

Materials fee:

Materials needed:

Language

Spanish I Class and Lab (8-12) I of III

This is a 3 trimester course, the first year of high school Spanish. The first trimester focuses on cognate vocabulary, proper pronunciation, vocabulary of family, school, everyday activities, the present tense of verbs, and culture. Listening, reading, writing, and speaking the language will be practiced. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Students will purchase a workbook, Spanish is Fun, Book 1, Lively lessons for Beginners, Fourth Edition
http://www.amscopub.com/products/spanish-is-fun-book-1-lively-lessons-for-beginners-fourth-edition-softbound

Class size: 10

Class time: 10:00-10:50 am **AND** 1:30-2:20 pm

Class level: 8-12

Taught by: Susan Daniels

Materials fee:

Materials needed: textbook, 3 ring binder with paper or spiral notebook, pocket folder

Class code: SD2 AND SD5

Spanish II Class and Lab (9-12) I of III

Prerequisite: Spanish I. This is a 3 trimester course, the second year of high school Spanish. The coursework is grammar intensive, continuing with present, past, future, conditional, and compound tenses; vocabulary includes nature, everyday activities, stores and shopping, professions; conversation, reading and culture will also be emphasized. Lab time will consist of homework review, conversation and testing, while class time will be devoted to vocabulary, grammar, and reading.

The text, <u>Spanish is Fun Book 2</u> (AMSCO Publications) is available through the publisher. <u>http://www.amscopub.com/products/spanish-is-fun-book-2-lively-lessons-for-advancing-students-2nd-edition-softbound</u>

Class size: 10

Class time: 10:00-10:50 am **AND** 12:30-1:20 pm

Class level: 9-12

Taught by: Susan Daniels

Materials fee:

Materials needed: textbook, 3 ring binder with paper or spiral notebook, pocket folder

Class code: SD2 AND SD4

Advanced Spanish III/IV Class and Lab (10-12) I of III

Prerequisite: Spanish II. This is a 3 trimester course, advanced high school Spanish. It is possible to enroll for this course 2 consecutive years. Field experience, volunteer activities in Spanish language settings in the community may be available. The coursework reviews and extends past grammar: present, past, future, conditional, and compound tenses. Vocabulary, conversation, reading and culture will also be emphasized. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Textbooks are:

Momentos Hispanos (AMSCO)

http://www.amscopub.com/products?utf8=√&keywords=momentos+hispanos

<u>Spanish Three Years Workbook</u> (AMSCO Publications)

http://www.amscopub.com/products/spanish-three-years-workbook-nassi-slash-levy-second-edition

<u>Spanish New Testament</u> <u>http://www.amazon.com/NVI-Spanish-New-Testament-Testamento/dp/</u>

Class size: 10

Class time: 10:00-10:50 am AND 11:00-11:50 am

Class level: 10-12

Taught by: Susan Daniels

Materials fee:

Materials needed: textbook, 3 ring binder with paper or spiral notebook, pocket folder

Class code: SD2 AND SD3

Music

Beginning Music (K-2) I of III

Learning and practicing basic music terms is the primary focus of this beginning music course. We will be moving about as we learn basic note values, finding these notes in printed music, and singing some fun songs! We will also learn about a few famous composers and their songs, such as Haydn, Rossini, Strauss, and Sain-Saens. Their music will come alive through stories told about each song we are listening to! This course will not be graded.

Class size: 10

Class time: 12:30-1:20 pm

Class level: K-3

Taught by: Sandra Zylstra

Materials fee:

Materials needed:

Music Theory (3-8) I of III

This course will help the student move beyond the basics in music. We will be learning how to become a better singer, about many types of notes, time signatures and how to sight read music as a singer. We will also be learning about the Baroque and Classical Eras from a music perspective. This course will not be graded.

Class size: 8

Class time: 10:00-10:50 am

Class level: 3-8

Taught by: Sandra Zylstra

Materials fee:

Materials needed: Folder, pencil, notebook paper

Music Composition (8-12) I of III

Those students who want to take this course will have to have approval from instructor. (The student will need to play a piece on the piano and be able to answer music theory questions to determine their musical knowledge and skill level. This will be done by setting up an appointment with the instructor.) Students will be learning dictation (writing out rhythms and melody), intervals (written and aural), chords and key signatures. They will take basic songs, write them out and learn how to add chords. There will be some homework. This course will not be graded.

Class size:

Class time: 9:00-9:50 am

Class level: 8-12

Taught by: Sandra Zylstra

Materials fee:

Materials needed: Folder, pencil, notebook paper, staff paper

SAT I Prep

SAT I Prep – 25-Minute Essay (9-12) 1st Trimester

Each week, your student will be given 25 minutes to practice and develop the necessary skills to produce a complete essay answer to a previous SAT prompt as required on the SAT I exam. It is highly recommended that your college-bound high school student become a reader of college-level literature so as to expose himself to vocabulary which will be commonly found on the SAT I exam. To enhance this development, weekly vocabulary quizzes will also be offered. No grade will be given for this course.

Class size: 5 minimum

Class time: 11:00-11:50 am

Class level: 9-12

Taught by: Kathleen Williamson

Materials fee:

Materials needed: Pencils, erasers.

OPTIONAL: *Barron's SAT*, 24th edition or later.

Science and Technology

Biology I (8-10) I of III

Exploring Creation with Biology I, 2nd Edition is your student's first high school science class and is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in science. In the 1st Trimester we will study the scientific method, the five-kingdom classification scheme, and microscopy, then go to an introduction into biochemistry. There will be about two hours of homework per week, to include reading from the text and other sources, answering questions from the text, and analysis of laboratory work done in the classroom. Grades will be based on lab work, homework assignments and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Tests will be take-home, and are due on the next class day. Students will need a folder or notebook for handouts and lab work. There is a \$5 lab fee.

Class size: 8

Class time: 11:00-11:50 am

Class level: 8-10

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: text as listed in course description, binder

Class code: SAH3

Chemistry and Chemistry Lab (10-12) I of III

Exploring Creation with Chemistry, 2nd Edition In order to be able to understand this text, the student needs to have completed Algebra I. This course is designed to be a first-year high school chemistry course and gives the student a rigorous foundation in chemistry, in order to prepare him or her for a college-level course. The 1st Trimester covers measurements and units, Calorimetry, classifying matter and compounds, the Kinetic Theory and the Mole Concept. There is a required laboratory time associated with this class, during which we will perform experiments from the text and MicroChem Labs. There will be two to four hours of homework per week, to include reading from the text and other sources, answering questions from the text, and analysis of laboratory work done in the classroom. Grades will be based on lab work, homework assignments and chapter tests. Students will need internet access for reading assignments, research, and homework. Tests will be given during lab time. Students will need a folder or notebook for handouts and lab work. Students who take and understand this course will be very well-prepared for a tough university chemistry course.

Class size: 8

Class time: 1:30-2:20 pm AND 2:30-3:20 pm

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: text as listed in course description, binder

Class code: SAH 5 AND SAH 6

General Science (6-8) I of III

Exploring Creation with General Science, 2nd Edition is an introduction to Science and scientific inquiry. The first trimester introduces the history of science, how to analyze and interpret experiments, applied science, archeology, geology, and paleontology. There will be about two hours of homework per week, to include reading from the text and other sources, answering questions from the text, and analysis of laboratory work done in the classroom. Grades will be based on lab work, homework assignments and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Tests will be take-home, and are due on the next class day. Students will need a folder or notebook for handouts and lab work. There is a \$5 lab fee.

Class size: 8

Class time: 10:00-10:50 am

Class level: 6-8

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: text as listed in course description, binder

Class code: SAH2

Technology: The World of Computers

The World of Computers is a three-trimester course, focusing on how to understand and program computers of various kinds, and how they connect to the real world. At the heart of the class, we will be working with the Arduino Uno microcontroller board, which provides a simple base for projects that do interesting things – lights, motors, clocks and such. Our base language will be C++. But the class has as its broader goal to enable the students to see the technical world around them as understandable and "do"-able – to get a taste of engineering.

Electricity, Electronics and Computers (8-12) I of III

The first trimester lays the basis for the class, and is designed as a "way the world works" kind of course. We will start with simple electrical circuits, then go on to household electricity and electrical devices (switches, motors, solenoids and other things that do work). Next we will look at the electronic side: LEDs, sensors, speakers, displays – the stuff our iPods and digital clocks are made of. Finally, we will look inside a microcomputer chip and understand how it works: memory, digital logic, computation, and how to get information in and out. These concepts will be used in our working projects in later trimesters.

We'll even look inside some of the devices we study (a toaster and a PC).

Our text for the class will be <u>Teach Yourself Electricity and Electronics</u>, <u>5th Edition by Stan Gibilsco</u>. It is a far richer book than we can cover in one trimester, but it will provide the basis for some further discussions in the second and third as well, and for the curious student, contains many other things to investigate (magnetism, radio and television, amplifiers, cellphone technology, etc.) Prerequisites: Algebra (students have to know how to work equations, and that letters can be used to replace numbers).

Class size: 6

Class time: 3:30-4:20 pm

Class level: 8-12

Taught by: Mark B. Hanson

Materials fee: \$5

Materials needed: text as listed in course description

Class code: MH7

Zoology 1 (3-5) I of III

Exploring Creation with Zoology I, Flying Creatures of the Fifth Day is an introduction to Zoology, with an emphasis on Birds, Bats and Flying Insects. The first trimester introduces Zoology, the benefits of birds and bird watching, and bird biology. We will start a Birders Life List. There will be about two hours of homework per week, to include reading from the text and answering questions from the text and classroom demonstrations. Grades will be based on homework assignments and chapter tests. Students will need a notebook for handouts and lab work.

Class size: 8

Class time: 3:30-4:20 pm

Class level: 3-5

Taught by: Sally Hanson

Materials fee: none

Materials needed: text as listed in course description, binder

Class code: SAH7

Study Hall

Study Hall (K-12) 1st Trimester

This class is designed as a service for the parents. Students signed up for at least one class but need to remain on the premises can sign up for study hall. This will be a supervised time for students to work on quiet homework or read. Students will not be allowed to talk, eat or engage in any activity that is not reading, drawing or schoolwork. Students not signed up for a class or study hall will not be allowed to remain on the premises.

Class size: no limit

Class times and code: 9:00-9:50am (SH 1), 10:00am-10:50am (SH 2), 11:00am-11:50am (SH 3), 12:30pm-1:20pm (SH 4), 1:30pm-2:20pm (SH 5), 2:30pm-3:20pm (SH 6), 3:30pm-4:20pm (SH 7)

Class level: K-12

Taught by: Study Hall Monitor

Materials fee: No charge for this class if student is enrolled in at least one other Academy class

Materials needed: Homework, drawing or reading material

Class code: see above

Writing

Institute for Excellence in Writing

ALL Institute for Excellence in Writing (IEW) courses will cover creative, expository, and descriptive writing. Course materials may all be purchased from the Institute for Excellence in Writing website: www.excellenceinwriting.com. (Go to Products, Writing, Student Writing Intensive, and find Notebook and Packet Only.) All courses require the use of the KEY WORD
OUTLINE for gathering facts used in assignments. It is highly recommended that students enroll for all 3 trimesters of this course. ALL FINAL assignments are to be in INK, whether they are typed or handwritten. ALL weekly assignments are due by 5:00 p.m. via email, on the Monday after the lesson, unless other arrangements have been made with the instructor. Plagiarism will NOT be tolerated.

Level A Writing - Beginning (3-5) I of III

This course covers the basic introduction and reinforcement of the Institute for Excellence in Writing (IEW) program. Please read the general statement for ALL IEW courses, above. Beginning with the Key Word Outline, the students learn how to gather information from source texts. Then, they learn the PROCESS for transforming those facts into meaningful reports, stories, and essays. Students enrolled in this course should understand what a complete sentence is and have had some writing experiences. Reluctant writers welcome! Weekly assignments are from 1-5 paragraphs long, and are due by 5:00 p.m. the Monday after the assignment is given. This will be a graded course.

Class size: 5 minimum

Class time: 2:30-3:20 pm

Class level: 3-5

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee:

Materials needed: IEW Level A Student Writing notebook Code: SIM-A Price: \$19.00 or Code:

SIM-AE Price: \$10.00 for the e-version. Paper, pens, highlighter, clipboard optional.

Level B Writing - Intermediate (6-8) I of III

This course covers much of the same material as the Level C High School course, but at a slower pace. There will be weekly creative, descriptive and expository writing assignments each week. We will work from the simple to the more complex, expanding vocabulary and sentence structures. Texts used are age appropriate for this level. This will be a graded course. Please read the general statement for ALL IEW courses, above.

Class size: 5 minimum

Class time: 12:30-1:20 pm

Class level: 6-8

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee:

Materials needed: IEW Level B Student Writing Intensive notebook, **Code: SIM-B Price: \$19.00**OR **Code: SIM-BE Price:** \$10.00 for the e-book version. Pens, paper, highlighters, optional clipboard.

LEVEL C Writing-Advanced (9-12) I of III

This course is for the general student and will provide instruction in the written word. Assignments cover the <u>IEW Level C Student Intensive</u> course. **Please read the general statement for ALL IEW courses, above.** If students struggle with some of the Basic English principles, this course will help them to master those concepts. This is NOT a grammar course, but grammatical principles will be introduced. Spelling is the responsibility of the student. Weekly assignments include creative, descriptive, and expository writing. There will be a grade given at the end of this trimester. It is highly recommended that students take this course for all 3 trimesters to fully develop the necessary skills for writing.

Class size: 5 minimum

Class time: 9:00-9:50 am

Class level: 9-12

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee:

Materials needed: IEW Level C Student Writing Intensive notebook, **Code: SIM-C Price: \$19.00**OR **Code: SIM-CE Price: \$10.00** for the e-book version. Paper, pens, highlighter, clipboard optional.

Second Trimester Classes

Art (K-2) 2nd Trimester

This is a foundation art class that will focus on the elements and techniques of art. In this second trimester, student artwork will be based on what they learn about the Northern Renaissance, the art and artists. Students will work with a wide variety of media. A syllabus will be sent home with supplementary information about the styles, techniques and art terms that we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee.

Class size: 8

Class time: 1:30-2:20 pm

Class level: K-2

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Art (3-5) 2nd Trimester

This is a foundation art class that will focus on the elements and techniques of art. In this second trimester, student artwork will be based on what they learn about Carolingian, Celtic, Early Christian, Byzantine and Gothic art and artists. Students will explore both two-dimensional and three-dimensional artwork. A syllabus will be sent home with supplementary information about the areas, styles, techniques and art terms that we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee.

Class size: 12

Class time: 12:30-1:20 pm

Class level: 3-5

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Art (6-8) 2nd Trimester

This second trimester students will learn about the Survival of Antiquity and High Renaissance art and artist. Students will work with a wide range of media as they study the art and artists. A syllabus will be sent home with supplementary information about the styles, techniques and history of what we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee.

Class size: 12

Class time: 11:00-11:50 am

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Art (9-12) 2nd Trimester

This fine arts class will focus on Post-Impressionism art and artists. Students will examine works of art and use the styles and techniques to create original works of their own. A syllabus will be sent home with supplementary information about the styles, techniques and history of what we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee.

Class size: 12

Class time: 3:30-4:20 pm

Class level: 9-12

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Drawing (7-12) 2nd Trimester

Students will use the five basic elements of shape and focus on drawing both what they see and what they would like to see. This second trimester students will continue their focus on creating compositions through background building and the addition of focal points. Emphasis will be on proportion and shading. There will be 2-3 hours of homework per week. Students may take their portfolios home on the last day of class. This is an ungraded class unless parents request otherwise before the first class.

Class size: 15

Class time: 2:30-3:20 pm

Class level: 7-12

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: one 9" x 12" spiral pad of drawing paper (60lb minimum), 1 tri-tip eraser black or white, one Stump set (small, med., large), one of each pencil: #2B, #4B, #6B, one eraser

shield.

Geography

Geography (3-5) 2nd Trimester

The focus of this trimester in our continuing study of World Geography is the vast and varied continent of Asia. Students will get to take an imaginary journey to exotic places such as Russia, Egypt, Israel, Afghanistan, India, and China. We will learn where they are located on the map, and about the people and animals who live in these countries. Students should have access to an atlas. There will be some research homework in this class and it will be graded.

Class size: 10

Class time: 1:30-2:20 pm

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee:

Materials needed: folder or binder, pencil, notebook paper

Grammar

Grammar 5 (4-6) Shurley English Homeschooling Level 5 II of III

Classes will cover approximately one chapter per week. Class time will be spent learning and reinforcing grammar concepts and oral recitation. Students will learn basic editing and writing skills. Writing assignments will reinforce learned concepts. Weekly homework will include a take home test, writing assignment and brief exercises to reinforce what is learned during class. The test and exercises will be due Tuesdays at 12:00pm via e-mail, or handed in on Wednesday at the beginning of class. The writing assignments will be due at the start of class.

Class size: 5 minimum

Class time: 10:00-10:50 am

Class level: 4-6

Taught by: Kathleen Williamson

Materials fee:

Materials needed: <u>Shurley English Homeschooling Workbook Level 5</u> ISBN: 9781585610334, one spiral notebook to use as a journal, 3-ring binder and pen/pencil. A clipboard will be helpful.

Grammar 7 (6-8) English Made Easy Level 7 The Shurley Method II of III

Classes will cover approximately one chapter per week. Class time will be spent learning and reinforcing grammar concepts, diagramming sentences, and oral recitation. Students will learn editing and writing skills including three point paragraphs, narrative and persuasive writing, note taking, research papers and some creative writing. Writing assignments may vary somewhat from the text. Weekly homework will include a take home test, writing assignment and brief exercises to reinforce what is learned during class. The test and exercises will be due Tuesdays at 12:00pm via e-mail. The writing assignments will be due at the start of class.

Class size: 5 minimum

Class time: 3:30-4:20 pm

Class level: 6-8

Taught by: Kathleen Williamson

Materials fee:

Materials needed: English Made Easy Level 7 ISBN: 978-1881940524, 3 ring binder and

pen/pencil. A clipboard will be helpful.

History

Ancient History (5-8) II of III

This is the second of three courses that will provide an introductory survey of the ancient world as part of a four-year sequence in world history. This world history survey is designed to provide students with a solid background for the high school history and literature classes.

This class, "Ancient Greece and Rome," will introduce students to the period from Socrates to Christ (ca. 400 B.C. - 30 A.D.). The student's primary work will be learning how to use online resources to identify key people, events, and places. The information gathered during the week will be analyzed and discussed in class to show how it all fits together.

The final grade will be based on class participation, completion of weekly assignments, quizzes, and a final exam.

There is a strong emphasis on geography and map reading skills.

Class size:

Class time: 1:30-2:20 pm

Class level: 5-8

Taught by: Dr. Peter J. Wallace

Materials fee:

Materials needed:

Ancient History (9-12) II of III

This is the second of three courses that will cover several classic works of history from antiquity. In this second trimester students will read Plato, Aristotle, Cicero, Seneca, and Plutarch.

The object of this course is to understand the development of Greek and Roman thought – which undergirds the western intellectual and political tradition.

This course is designed to dovetail with the "Ancient Literature II" course in order to help students understand the interplay of literature, politics, religion, and culture. The instructors of the two courses will confer regularly in order to help students connect history and literature within a Christian worldview. The final grade will be based on class participation, completion of study questions, an exam and an essay. To facilitate class discussion, the following editions will be *required*:

1. Plato, Collected Dialogues of Plato (Princeton University Press, 2005)

www.amazon.com/Collected-Dialogues-Plato-Including-Bollingen/dp/0691097186

2. Richard McKeon, ed., *Introduction to Aristotle* (University of Chicago, 1974)

www.amazon.com/Introduction-Aristotle/dp/0226560325

3. Cicero, *The Republic and the Laws* (Oxford University Press)

www.amazon.com/Republic-Laws-Oxford-Worlds-Classics/dp/019954011X

4. Plutarch, *Eight Roman Lives* (Oxford University Press)

www.amazon.com/Roman-Lives-Selection-Oxford-Classics/dp/0199537380/

Coursepack:

Seneca, De Clementia

Recommended text book (for exams and background for study questions):

Donald Kagan, Steven Ozment, Frank M. Turner, *The Western Heritage*, combined volume, third edition)

http://www.amazon.com/Western-Heritage-Combined-Brief-CD-ROM/dp/0130415782/

(You are welcome to get a newer edition – but since I use this edition, I will base my questions on the assumption that the student is familiar with what is in this version! Wikipedia is now frequently as accurate as a textbook – but the quality is variable, and the textbook will provide a shorter and a more coherent narrative.)

Class size:

Class time: 9:00-9:50 am

Class level: 9-12

Taught by: Dr. Peter J. Wallace

Materials fee:

Materials needed:

Literature

Elementary Literature (3-5) 2nd Trimester

Folk Tales, Fairy Tales, Myths, and Legends from around the world will be the focus during 2nd trimester. We will study the composition of these different types of literature and learn about the various cultures from which they come. Most of the readings will be given to students as handouts, and some internet links or library access will also be used. Students will have homework for the class, and it will be graded.

Class size: 10

Class time: 11:00-11:50 am

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee:

Materials needed: folder or binder, pencil, notebook paper

Literature (6-8) 2nd Trimester

The goal of this class is to help intermediate students discern and understand literature and literary devices in both a novel and a play. In this second trimester students will read: *Macbeth* by William Shakespeare, and *Les Miserables* by Victor Hugo. Students will need to purchase the specified version of Les Miserables.

http://www.amazon.com/gp/product/0449300021/ref=oss_product
Publisher: Fawcett; Abridged edition (December 12, 1982) Charles E. Wilbour (Translator), James K. Robinson (Introduction).
Students will read *Macbeth* both in class and as homework. We will approach the literature within a Christian worldview. The final grade will be based on class participation, study questions, weekly quizzes and multiple short essays. Reading load will be about 100-145 pages per week.

Class size: 10

Class time: 9:00-9:50 am

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee:

Materials needed: MacBeth by William Shakespeare, and the same edition of Les Miserables

shown above.

Ancient Literature (9–12) II of III

This is the second of three courses that will cover several classic works of ancient literature as part of the first year of a four-year sequence of college preparatory literature courses. Students will read plays by Aeschylus and Sophocles, Virgil's *Aeneid*, and Ovid's *Metamorphoses*. The course dovetails with the "Ancient History II" course in order to help students understand the interplay of literature, politics, religion, and culture. The instructors of the two courses confer regularly in order to help students connect history and literature within a Christian worldview. The final grade will be based on class participation, completion of study questions, weekly quizzes, essays, and a final exam. To facilitate class discussion, the following editions will be *required*:

Aeschylus, *The Oresteia* (Penguin Classics edition) http://amzn.to/16VQ7pc
Sophocles, Theban Plays, (Penguin Classics edition) http://amzn.to/16VR3dh
Virgil, *The Aeneid* (Allen Mandelbaum translation) http://amzn.to/151of1x
Ovid, *Metamorphoses* (Oxford World's Classics edition) http://amzn.to/13AZIsL

Class size:

Class time: 12:30-1:20 pm

Class level: 9-12

Taught by: Dr. A. B. Deliyannides

Materials fee:

Materials needed:

Language

Spanish I Class and Lab (8-12) II of III

This is a 3 trimester course, the first year of high school Spanish. The second trimester focuses on numbers, telling time, days, months, seasons, weather, everyday activities, the present tense of verbs, and culture. Listening, reading, writing, and speaking the language will be practiced. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Students will purchase a workbook, *Spanish is Fun, Book 1, Lively lessons for Beginners, Fourth*

<u>Edition</u> http://www.amscopub.com/products/spanish-is-fun-book-1-lively-lessons-for-beginners-fourth-edition-softbound

Class size: 10

Class time: 10:00-10:50 am AND 1:30-2:20 pm

Class level: 8-12

Taught by: Susan Daniels

Materials fee:

Materials needed: textbook, 3 ring binder with paper or spiral notebook, pocket folder

Class code: SD2 AND SD5

Spanish II Class and Lab (9-12) II of III

Prerequisite: Spanish I. This is a 3 trimester course, the second year of high school Spanish. The coursework is grammar intensive, continuing with present, past, future, conditional, and compound tenses; vocabulary includes nature, everyday activities, stores and shopping, professions; conversation, reading and culture will also be emphasized. Lab time will consist of homework review, conversation and testing, while class time will be devoted to vocabulary, grammar, and reading.

The text, <u>Spanish is Fun Book 2</u> (AMSCO Publications) is available through the publisher. <u>http://www.amscopub.com/products/spanish-is-fun-book-2-lively-lessons-for-advancing-students-2nd-edition-softbound</u>

Class size: 10

Class time: 10:00-10:50 am AND 12:30-1:20 pm

Class level: 9-12

Taught by: Susan Daniels

Materials fee:

Materials needed: textbook, 3 ring binder with paper or spiral notebook, pocket folder

Class code: SD2 AND SD4

Advanced Spanish III/IV Class and Lab (10-12) II of III

Prerequisite: Spanish II. This is a 3 trimester course, advanced high school Spanish. It is possible to enroll for this course 2 consecutive years. Field experience, volunteer activities in Spanish language settings in the community may be available. The coursework reviews and extends past grammar: present, past, future, conditional, and compound tenses. Vocabulary, conversation, reading and culture will also be emphasized. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Textbooks are:

Momentos Hispanos (AMSCO)

http://www.amscopub.com/products?utf8=√&keywords=momentos+hispanos

Spanish Three Years Workbook (AMSCO Publications)

http://www.amscopub.com/products/spanish-three-years-workbook-nassi-slash-levy-second-edition

<u>Spanish New Testament</u> <u>http://www.amazon.com/NVI-Spanish-New-Testament-</u> Testamento/dp/

Class size: 10

Class time: 10:00-10:50 am AND 11:00-11:50 am

Class level: 10-12

Taught by: Susan Daniels

Materials fee:

Materials needed: textbook, 3 ring binder with paper or spiral notebook, pocket folder

Class code: SD2 AND SD3

Music

Beginning Music (K-2) II of III

Students will continue to learn more basic music concepts and how to apply them. We will be practicing clapping and tapping out rhythms. This trimester they will learn about, listen to, and sing some songs from jazz, ragtime, and big band music! Students will also begin learning about the piano keyboard. This course will not be graded.

Class size: 10

Class time: 12:30-1:20 pm

Class level: K-3

Taught by: Sandra Zylstra

Materials fee:

Materials needed:

Music Theory (3-8) II of III

This course will help the student move beyond the basics in music. We will be learning all the notes on the staff, playing out rhythms, tempo markings, dictation (writing out rhythms you hear) and continue sight reading. We will also be learning about instruments and sound. This course will not be graded.

Class size: 8

Class time: 10:00-10:50 am

Class level: 3-8

Taught by: Sandra Zylstra

Materials fee:

Materials needed: Folder, pencil, notebook paper

Music Composition (8-12) II of III

Students will continue learning about various types of chords and how to change them, major and minor scales and how chords work within the scale. They will also continue work in dictation, writing out simple songs and transposing, tempos, making a basic song with chords. There will be some homework. This course will not be graded.

Class size: 6

Class time: 9:00-9:50 am

Class level: 8-12

Taught by: Sandra Zylstra

Materials fee:

Materials needed: Folder, pencil, notebook paper, staff paper

SAT I Prep

SAT I Prep - Math Prep (9-12) 2nd Trimester

Your student will need a mastery of basic algebra and geometry for the SAT I exam. We will introduce all of the 17 strategies and techniques to adequately answer these parts of the exam. Some timed-quizzes will also be given to assess mastery of basic facts. Feel free to bring your own math text book to tackle your worst math nightmares. No grade will be given for this course.

Class size: 5 minimum

Class time: 11:00-11:50 am

Class level: 9-12

Taught by: Kathleen Williamson

Materials fee:

Materials needed: Pencils, erasers, scrap paper or loose leaf.

OPTIONAL: Barron's SAT, 24th edition or later.

Science and Technology

Biology I (8-10) II of III

Exploring Creation with Biology I, 2nd Edition continues with studies in cellular biology, and molecular and Mendelian genetics. The study of evolution may be done as extra credit over the winter break. We will continue with dissection and the study of ecosystems. There will be about two hours of homework per week, to include reading from the text and other sources, answering questions from the text, and analysis of laboratory work done in the classroom. Grades will be based on lab work, homework assignments and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Tests will be take-home, and are due on the next class day. Students will need a folder or notebook for handouts and lab work. There is a \$5 lab fee.

Class size: 8

Class time: 11:00-11:50 am

Class level: 8-10

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: text as listed in course description, binder

Class code: SAH3

Chemistry and Chemistry Lab (10-12) II of III

Exploring Creation with Chemistry, 2nd Edition In order to be able to understand this text, the student needs to have completed algebra I. This course is designed to be a first-year high school chemistry course and gives the student a rigorous foundation in chemistry, in order to prepare him or her for a college-level course. The 2nd Trimester covers stoichiometry, atomic structures, molecular structures, the Lewis structure of atoms, covalent bonds, and acid/base chemistry. There is a required laboratory time associated with this class, during which we will perform experiments from the text and MicroChem Labs. There will be two to four hours of homework per week, to include reading from the text and other sources, answering questions from the text, and analysis of laboratory work done in the classroom. Grades will be based on lab work, homework assignments and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Tests will be given during lab time. Students will need a folder or notebook for handouts and lab work. Students who take and understand this course will be very well-prepared for a tough university chemistry course.

Class size: 8

Class time: 1:30-2:20 pm AND 2:30-3:20 pm

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: text as listed in course description, binder

Class code: SAH 5 AND SAH 6

General Science (6-8) II of III

Exploring Creation with General Science, 2nd Edition continues in the second trimester with the study of geology and the fossil record, a discussion of different theories of Creation, and an introduction to the life sciences. There will be about two hours of homework per week, to include reading from the text and other sources, answering questions from the text, and analysis of laboratory work done in the classroom. Grades will be based on lab work, homework assignments and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Tests will be take-home, and are due on the next class day. Students will need a folder or notebook for handouts and lab work. There is a \$5 lab fee.

Class size: 8

Class time: 10:00-10:50 am

Class level: 6-8

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: text as listed in course description, binder

Class code: SAH2

Technology: Using the Arduino (8-12) II of III

No text is required for this trimester – instead each student will need to purchase the <u>Sparkfun Starter Kit for Arduino Flex</u>. This kit contains the basic computer board we will be using, as well as everything necessary to hook it up to the student's home computer or laptop, and a selection of electronic components that we will use in the lessons. Most weeks the student will be using a selection of the components in the kit (or additional ones provided by the instructor) to construct and program a working device. These will include:

- Blinking lights
- Light sensitive switch
- Playing music
- Mixing colors
- Reading temperature
- Controlling real-world devices
- Electric motor

Lessons, including both diagrams for connecting the components and programs for the students to enter and run will be provided, and each week there will be suggestions for the student to vary the program to change the behavior of the device. Prerequisites: Algebra, first trimester of this class.

Most of the lessons will include reading on the web, so the student should have web access.

Class size: 6

Class time: 3:30-4:20 pm

Class level: 8-12

Taught by: Mark B. Hanson

Materials fee: \$5

Materials needed: kit as listed in course description

Class code: MH7

Zoology 1 (3-5) II of III

Exploring Creation with Zoology I, Flying Creatures of the Fifth Day The second trimester continues the study of flying creatures with lessons on bird behavior, followed by a section on flying mammals and reptiles. We will have our first look at flying insects and insect classification, and insect life cycles. There will be about two hours of homework per week, to include reading from the text, and answering questions from the text and classroom demonstrations. Grades will be based on homework assignments and chapter tests. Students will need a notebook for handouts and lab work.

Class size: 8

Class time: 3:30-4:20 pm

Class level: 3-5

Taught by: Sally Hanson

Materials fee: none

Materials needed: text as listed in course description, binder

Class code: SAH7

Study Hall

Study Hall (K-12) 2nd Trimester

This class is designed as a service for the parents. Students signed up for at least one class but need to remain on the premises can sign up for study hall. This will be a supervised time for students to work on quiet homework or read. Students will not be allowed to talk, eat or engage in any activity that is not reading, drawing or schoolwork. Students not signed up for a class or study hall will not be allowed to remain on the premises.

Class size: no limit

Class times and code: 9:00-9:50am (SH 1), 10:00am-10:50am (SH 2), 11:00am-11:50am (SH 3), 12:30pm-1:20pm (SH 4), 1:30pm-2:20pm (SH 5), 2:30pm-3:20pm (SH 6), 3:30pm-4:20pm (SH 7)

Class level: K-12

Taught by: Study Hall Monitor

Materials fee: No charge for this class if student is enrolled in at least one other Academy class

Materials needed: Homework, drawing or reading material

Class code: see above

Writing

Institute for Excellence in Writing

ALL Institute for Excellence in Writing (IEW) courses will cover creative, expository, and descriptive writing. Course materials may all be purchased from the Institute for Excellence in Writing website: www.excellenceinwriting.com. (Go to Products, Writing, Student Writing Intensive, and find Notebook and Packet Only.) All courses require the use of the KEY WORD
OUTLINE for gathering facts used in assignments. It is highly recommended that students enroll for all 3 trimesters of this course. ALL FINAL assignments are to be in INK, whether they are typed or handwritten. ALL weekly assignments are due by 5:00 p.m. via email, on the Monday after the lesson, unless other arrangements have been made with the instructor. Plagiarism will NOT be tolerated.

Level A Writing - Beginning (3-5) II of III

This course covers the basic introduction and reinforcement of the Institute for Excellence in Writing (IEW) program. Please read the general statement for ALL IEW courses, above. Beginning with the Key Word Outline, the students learn how to gather information from source texts. Then, they learn the PROCESS for transforming those facts into meaningful reports, stories, and essays. Students enrolled in this course should understand what a complete sentence is and have had some writing experiences. Reluctant writers welcome! Weekly assignments are from 1-5 paragraphs long, and are due by 5:00 p.m. the Monday after the assignment is given. This will be a graded course.

Class size: 5 minimum

Class time: 2:30-3:20 pm

Class level: 3-5

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee:

Materials needed: IEW Level A Student Writing notebook Code: SIM-A Price: \$19.00 or Code:

SIM-AE Price: \$10.00 for the e-version. Paper, pens, highlighter, clipboard optional.

Level B Writing - Intermediate (6-8) II of III

This course covers much of the same material as the Level C High School course, but at a slower pace. There will be weekly creative, descriptive and expository writing assignments each week. We will work from the simple to the more complex, expanding vocabulary and sentence structures. Texts used are age appropriate for this level. This will be a graded course. Please read the general statement for ALL IEW courses, above.

Class size: 5 minimum

Class time: 12:30-1:20 pm

Class level: 6-8

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee:

Materials needed: IEW Level B Student Writing Intensive notebook, **Code: SIM-B Price: \$19.00**OR **Code: SIM-BE Price:** \$10.00 for the e-book version. Pens, paper, highlighters, optional clipboard.

LEVEL C Writing-Advanced (9-12) III of III

This course is for the general student and will provide instruction in the written word. Assignments cover the <u>IEW Level C Student Intensive</u> course. **Please read the general statement for ALL IEW courses, above.** If students struggle with some of the Basic English principles, this course will help them to master those concepts. This is NOT a grammar course, but grammatical principles will be introduced. Spelling is the responsibility of the student. Weekly assignments include creative, descriptive, and expository writing. There will be a grade given at the end of this trimester. It is highly recommended that students take this course for all 3 trimesters to fully develop the necessary skills for writing.

Class size: 5 minimum

Class time: 9:00-9:50 am

Class level: 9-12

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee:

Materials needed: IEW Level C Student Writing Intensive notebook, **Code: SIM-C Price: \$19.00**OR **Code: SIM-CE Price: \$10.00** for the e-book version. Paper, pens, highlighter, clipboard optional.

Third Trimester

Art

Art (K-2) 3rd Trimester

This is a foundation art class that will focus on the elements and techniques of art. In this third trimester, student artwork will be based on what they learn about Fauvism, Expressionism, Cubism and Futurism art and artists. Students will explore both two-dimensional and three-dimensional artwork. A syllabus will be sent home with supplementary information about the styles, techniques and art terms that we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 8

Class time: 1:30-2:20 pm

Class level: K-2

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Art (3-5) 3rd Trimester

This is a foundation art class that will focus on the elements of art. In this third trimester, student artwork will be based on what they learn about Abstract, Dada and Surrealist art and artists. A syllabus will be sent home with supplementary information about the styles, techniques and art terms that we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 12

Class time: 12:30-1:20 pm

Class level: 3-5

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Art (6-8) 3rd Trimester

This third trimester students will learn about Latin American and Modern American art and artist. Students will work with a wide range of media as they study the art and artists. A syllabus will be sent home with supplementary information about the styles, techniques and history of what we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 12

Class time: 11:00-11:50 am

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Art (9-12) 3rd Trimester

This fine arts class will focus on International Styles, Architecture, Baroque and Rococo art and artists. Students will examine works of art and use the styles and techniques to create original works of their own. A syllabus will be sent home with supplementary information about the styles, techniques and history of what we discuss in class. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 12

Class time: 3:30-4:20 pm

Class level: 9-12

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Drawing (7-12) 3rd Trimester

Students will explore surrealistic story telling through drawing by continuing the emphasis on composition, focal points and creating realistic environments. We will continue our focus on shading and blending. There will be 2-3 hours of homework per week. Students may take their portfolios home on the last day of class. This is an ungraded class unless parents request otherwise before the first class. There may be an optional museum tour scheduled during the trimester.

Class size: 15

Class time: 2:30-3:20 pm

Class level: 7-12

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: one 9" x 12" spiral pad of drawing paper (60lb minimum), 1 tri-tip eraser <u>black</u> or <u>white</u>, one <u>Stump</u> set (small, med., large), one of each pencil: #2B, #4B, #6B, one <u>eraser</u> shield.

Geography

Geography (3-5) 3rd Trimester

As we conclude our study of world geography this year, students will continue with their imaginary travel through the great continent of Africa. They will learn about African culture, the various regions of this continent, its history, music, art, and economics. They should have access to an atlas. There will be some research homework and this course will be graded.

Class size: 10

Class time: 1:30-2:20 pm

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee:

Materials needed: folder or binder, pencil, notebook paper

Grammar

Grammar 5 (4-6) Shurley English Homeschooling Level 5 III of III

Classes will cover approximately one chapter per week. Class time will be spent learning and reinforcing grammar concepts and oral recitation. Students will learn basic editing and writing skills. Writing assignments will reinforce learned concepts. Weekly homework will include a take home test, writing assignment and brief exercises to reinforce what is learned during class. The test and exercises will be due Tuesdays at 12:00pm via e-mail, or handed in on Wednesday at the beginning of class. The writing assignments will be due at the start of class.

Class size: 5 minimum

Class time: 10:00-10:50 am

Class level: 4-6

Taught by: Kathleen Williamson

Materials fee:

Materials needed: <u>Shurley English Homeschooling Workbook Level 5</u> ISBN: 9781585610334, one spiral notebook to use as a journal, 3-ring binder and pen/pencil. A clipboard will be helpful.

Grammar 7 (6-8) English Made Easy Level 7 The Shurley Method 3rd Trimester

Classes will cover approximately one chapter per week. Class time will be spent learning and reinforcing grammar concepts, diagramming sentences, and oral recitation. Students will learn editing and writing skills including three point paragraphs, narrative and persuasive writing, note taking, research papers and some creative writing. Writing assignments may vary somewhat from the text. Weekly homework will include a take home test, writing assignment and brief exercises to reinforce what is learned during class. The test and exercises will be due Tuesdays at 12:00pm via e-mail. The writing assignments will be due at the start of class.

Class size: 5 minimum

Class time: 3:30-4:20 pm

Class level: 6-8

Taught by: Kathleen Williamson

Materials fee:

Materials needed: English Made Easy Level 7 ISBN: 978-1881940524, 3 ring binder and

pen/pencil. A clipboard will be helpful.

History

Ancient History (5-8) III of III

This is the third of three courses that will provide an introductory survey of the ancient world as part of a four-year sequence in world history. This world history survey is designed to provide students with a solid background for the high school history and literature classes.

This class, "The Rise of Christianity," will cover the period from Christ to the Fall of Rome (ca. 30 - 476 A.D.). The student's primary work will be learning how to use online resources to identify key people, events, and places. The information gathered during the week will be analyzed and discussed in class to show how it all fits together.

The final grade will be based on class participation, completion of weekly assignments, quizzes, and a final exam.

There is a strong emphasis on geography and map reading skills.

Class size:

Class time: 1:30-2:20 pm

Class level: 5-8

Taught by: Dr. Peter J. Wallace

Materials fee:

Materials needed:

Ancient History (9-12) III of III

This is the third of three courses that will cover several classic works of history from antiquity. In this third trimester students will read the Luke's Gospel and Acts, Eusebius's *Ecclesiastical History*, Augustine's *City of God*, and the *Rule of St. Benedict*.

The object of this course is to understand the foundations of Christian faith and practice in the early church.

This course is designed to dovetail with the "Ancient Literature III" course in order to help students understand the interplay of literature, politics, religion, and culture. The instructors of the two courses will confer regularly in order to help students connect history and literature within a Christian worldview. The final grade will be based on class participation, completion of study questions, an exam, and an essay. To facilitate class discussion, the following editions will be *required*:

- 1. Luke & Acts (coursepack)
- 2. Eusebius *Church History* (Maier translation)

http://www.amazon.com/Eusebius-The-Church-History/dp/082543307X/

3. Augustine *City of God* (Marcus Dods translation)

http://www.amazon.com/City-God-Saint-Augustine-Hippo/dp/1598563378/

4. Rule of St. Benedict (Vintage, 1998)

www.amazon.com/Rule-Saint-Benedict-St/dp/037570017X

Recommended text book (for exams and background for study questions):

Donald Kagan, Steven Ozment, Frank M. Turner, *The Western Heritage*, combined volume, third edition)

http://www.amazon.com/Western-Heritage-Combined-Brief-CD-ROM/dp/0130415782/

(You are welcome to get a newer edition – but since I use this edition, I will base my questions on the assumption that the student is familiar with what is in this version! Wikipedia is now frequently as accurate as a textbook – but the quality is variable, and the textbook will provide a shorter and a more coherent narrative.)

Class size:

Class time: 9:00-9:50 am

Class level: 9-12

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Taught by: Dr. Peter J. Wallace

Materials fee:

Materials needed:

Literature

Elementary Literature (3-5) 3rd Trimester

Mystery is the theme of this final trimester. "Red Sails to Capri" by Ann Weil takes guests to the island of Capri. Will each guest find what they search for? "Detectives in Togas" by Henry Winterfield has a group of school boys trying to solve a mystery about their classmate and who really painted on temple wall. And "The Trumpeter of Krakow" by Eric P. Kelly has a young boy who is trying to protect a crystal. Why do so many want this crystal? We will study the elements of mystery and how it develops in the story. Students will have homework for the class and the class will be graded.

Class size: 10

Class time: 11:00-11:50 am

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee:

Materials needed: books listed above, folder or binder, pencil, notebook paper

Literature (6-8) 3rd Trimester

The goal of this class is to help intermediate students develop their ability to discern how authors convey their worldview through literary devices such as plot, themes, and character. In this third trimester students will read four novels: *A Separate Peace* by John Knowles, *To Kill a Mockingbird* by Harper Lee, *The Outsiders* by S.E. Hinton and *A Tree Grows in Brooklyn* by Betty Smith. We will approach the literature within a Christian worldview. The final grade will be based on class participation, study questions, weekly quizzes, one essay and final exam. Reading load will be about 100-145 pages per week.

Class size: 10

Class time: 9:00-9:50 am

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee:

Materials needed: The books listed above, any edition but no abridged versions, 3 ring binder for course packet (to be handed out in class), and paper for taking notes. Internet access will be helpful.

Class code: ND1

Ancient Literature (9-12) III of III

This is the third of three courses that will cover several classic works of ancient literature as part of the first year of a four-year sequence of college preparatory literature courses. Students will read the writings of St. John, Apuleius's *The Golden Ass*, and Augustine's *Confessions*. The course dovetails with the "Ancient History III" course in order to help students understand the interplay of literature, politics, religion, and culture. The instructors of the two courses confer regularly in order to help students connect history and literature within a Christian worldview. The final grade will be based on class participation, completion of study questions, weekly quizzes, an essay, and a final exam. To facilitate class discussion, the following editions will be *required*:

The writings of St. John (course packet)

Apuleius, The Golden Ass (Jack Lindsay translation) http://amzn.to/16VRkNs

Augustine, Confessions (Maria Boulding translation) http://amzn.to/1d3bYN6

Class size:

Class time: 12:30-1:20 pm

Class level: 9-12

Taught by: Dr. A. B. Deliyannides

Materials fee:

Materials needed:

Class code: AD4

Language

Spanish I Class and Lab (8-12) III of III

This is a 3 trimester course, the first year of high school Spanish. The third trimester focuses on vocabulary of house, home, human body, food, school subjects, animals, present tense irregular verbs, introductions to the preterit tense of verbs, and culture. Listening, reading, writing, and speaking the language will be practiced. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Students will purchase a workbook, <u>Spanish is Fun, Book 1, Lively lessons for Beginners, Fourth Edition http://www.amscopub.com/products/spanish-is-fun-book-1-lively-lessons-for-beginners-fourthedition-softbound</u>

Class size: 10

Class time: 10:00-10:50 am AND 1:30-2:20 pm

Class level: 8-12

Taught by: Susan Daniels

Materials fee:

Materials needed: textbook, 3 ring binder with paper or spiral notebook, pocket folder

Class code: SD2 AND SD5

Spanish II Class and Lab (9-12) III of III

Prerequisite: Spanish I. This is a 3 trimester course, the second year of high school Spanish. The coursework is grammar intensive, continuing with present, past, future, conditional, and compound tenses; vocabulary includes nature, everyday activities, stores and shopping, professions; conversation, reading and culture will also be emphasized. Lab time will consist of homework review, conversation and testing, while class time will be devoted to vocabulary, grammar, and reading.

The text, <u>Spanish is Fun Book 2</u> (AMSCO Publications) is available through the publisher. <u>http://www.amscopub.com/products/spanish-is-fun-book-2-lively-lessons-for-advancing-students-2nd-edition-softbound</u>

Class size: 10

Class time: 10:00-10:50 am **AND** 12:30-1:20 pm

Class level: 9-12

Taught by: Susan Daniels

Materials fee:

Materials needed: textbook, 3 ring binder with paper or spiral notebook, pocket folder

Class code: SD2 AND SD4

Advanced Spanish III/IV Class and Lab (10-12) III of III

Prerequisite: Spanish II. This is a 3 trimester course, advanced high school Spanish. It is possible to enroll for this course 2 consecutive years. Field experience, volunteer activities in Spanish language settings in the community may be available. The coursework reviews and extends past grammar: present, past, future, conditional, and compound tenses. Vocabulary, conversation, reading and culture will also be emphasized. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Textbooks are:

Momentos Hispanos (AMSCO)

http://www.amscopub.com/products?utf8=√&keywords=momentos+hispanos

Spanish Three Years Workbook (AMSCO Publications)

http://www.amscopub.com/products/spanish-three-years-workbook-nassi-slash-levy-second-edition

<u>Spanish New Testament</u> <u>http://www.amazon.com/NVI-Spanish-New-Testament-</u> Testamento/dp/

Class size: 10

Class time: 10:00-10:50 am AND 11:00-11:50 am

Class level: 10-12

Taught by: Susan Daniels

Materials fee:

Materials needed: textbook, 3 ring binder with paper or spiral notebook, pocket folder

Class code: SD2 AND SD3

Music

Beginning Music (K-2) III of III

Students should be proficient with basic music concepts presented throughout the year and will continue to apply and build on these terms through a variety of fun games. We will continue to learn about the piano keyboard. Learning about and singing songs from around the world will be the focus of this trimester. This course will not be graded.

Class size: 10

Class time: 12:30-1:20 pm

Class level: K-3

Taught by: Sandra Zylstra

Materials fee:

Materials needed:

Music Theory (3-8) III of III

This course will help the student move beyond the basics in music. We will be learning how to identify key signatures, intervals (written and aural), dictation (rhythms and melody) and continue sight reading. We will also be learning about music from other lands, including African, Asian, Cajun and Caribbean. This course will not be graded.

Class size: 8

Class time: 10:00-10:50 am

Class level: 3-8

Taught by: Sandra Zylstra

Materials fee:

Materials needed: Folder, pencil, notebook paper

Music Composition (8-12) III of III

Students will continue their working knowledge in theory lessons taught in the first and second trimester. They will be improvising songs and creating their own pieces of music. There will be some homework. This course will not be graded.

Class size: 6

Class time: 9:00-9:50 am

Class level: 8-12

Taught by: Sandra Zylstra

Materials fee:

Materials needed: Folder, pencil, notebook paper, staff paper

SAT I Prep

SAT I Prep- Verbal Prep (9-12) 3rd Trimester:

This course introduces strategies and techniques to develop critical thinking skills and the vocabulary necessary to improve your SAT I score. Weekly vocabulary quizzes are given as well. It is highly recommended that students planning to attend college in the near future have a practice of reading 70 pages or more per week of college level literature.

Class size: 5 minimum

Class time: 11:00-11:50 am

Class level: 9-12

Taught by: Kathleen Williamson

Materials fee:

Materials needed: Pencils, erasers, scrap paper or loose leaf notebook paper.

OPTIONAL: Barron's SAT, 24th edition or later.

Science and Technology

Biology I (8-10) III of III

Exploring Creation with Biology I, 2nd Edition concludes with a complete survey of the five kingdoms in Creation. Students who take and understand this course will be very well-prepared for a tough university biology course. There will be about two hours of homework per week, to include reading from the text and other sources, answering questions from the text, and analysis of laboratory work done in the classroom. Grades will be based on lab work, homework assignments and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Tests will be take-home, and are due on the next class day. Students will need a folder or notebook for handouts and lab work. There is a \$5 lab fee.

Class size: 8

Class time: 11:00-11:50 am

Class level: 8-10

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: text as listed in course description, binder

Class code: SAH3

Chemistry and Chemistry Lab (10-12) III of III

Exploring Creation with Chemistry, 2nd Edition In order to be able to understand this text, the student needs to have completed algebra I. This course is designed to be a first-year high school chemistry course and gives the student a rigorous foundation in chemistry, in order to prepare him or her for a college-level course. The 3rd Trimester covers the Ideal Gas Law, thermodynamics, entropy, kinetics, catalysts, chemical equilibrium, LeChatelier's principle and oxidation/reduction reactions. There is a required laboratory time associated with this class, during which we will perform experiments from the text and MicroChem Labs. There will be two to four hours of homework per week, to include reading from the text and other sources, answering questions from the text, and analysis of laboratory work done in the classroom. Grades will be based on lab work, homework assignments and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Tests will be given during lab time. Students will need a folder or notebook for handouts and lab work. Students who take and understand this course will be very well-prepared for a tough university chemistry course.

Class size: 8

Class time: 1:30-2:20 pm AND 2:30-3:20 pm

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: text as listed in course description, binder

Class code: SAH 5 AND SAH 6

General Science (6-8) III of III

Exploring Creation with General Science, 2nd Edition will conclude with an in-depth study of the human body. We will explore all the major systems of the body (bones, muscles, metabolism, digestion, respiratory, lymphatic and nervous), and dissection demonstrations will occur in the classroom. There will be about two hours of homework per week, to include reading from the text and other sources, answering questions from the text, and analysis of laboratory work done in the classroom. Grades will be based on lab work, homework assignments and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Tests will be take-home, and are due on the next class day. Students will need a folder or notebook for handouts and lab work. There is a \$5 lab fee.

Class size: 8

Class time: 10:00-10:50 am

Class level: 6-8

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: text as listed in course description, binder

Class code: SAH2

Technology: Computers in the Real World (8-12) III of III

In the final trimester, we will look both at how to do "real" things with the Arduino, and how programming is used in the broader world (websites, office tools like Excel, cars). We will look at the basics of other computer languages like Java and HTML.

The heart of the class will be a larger Arduino project which is yet to be decided – a simple robotic device, or an electronic door lock, or a full-function clock are some of the items that can be chosen. Students will work together to make the choice of project and design / implement the various parts of that project. The result will be a single class project item, not individual devices for each student.

We will also look at "classic" programming (a program that dwells entirely on the computer) by programming John Conway's simple cellular automaton "Life", and take a close look at computer graphics.

Text for this class is TBD, but will be defined by July 15. Prerequisites: Algebra, first two trimesters of this class.

Class size: 6

Class time: 3:30-4:20 pm

Class level: 8-12

Taught by: Mark B. Hanson

Materials fee: \$5

Materials needed: text as listed in course description

Class code: MH7

Zoology 1 (3-5) III of III

Exploring Creation with Zoology I, Flying Creatures of the Fifth Day will conclude with an indepth study of insects, including social insects, beetles, flies, true bugs, and butterflies. We will explore many interesting insects and some of their behaviors, including swarming and migration. The exercises in this trimester will be used to compile a report on an insect of the student's choice to be displayed at the Open House at the end of the year. There will be about two hours of homework per week, to include reading from the text, and answering questions from the text and classroom demonstrations. Grades will be based on homework assignments and chapter tests. Students will need a notebook for handouts and lab work.

Class size: 8

Class time: 3:30-4:20 pm

Class level: 3-5

Taught by: Sally Hanson

Materials fee: none

Materials needed: text as listed in course description, binder

Class code: SAH7

Study Hall

Study Hall (K-12) 3rd Trimester

This class is designed as a service for the parents. Students signed up for at least one class but need to remain on the premises can sign up for study hall. This will be a supervised time for students to work on quiet homework or read. Students will not be allowed to talk, eat or engage in any activity that is not reading, drawing or schoolwork. Students not signed up for a class or study hall will not be allowed to remain on the premises.

Class size: no limit

Class times and code: 9:00-9:50am (SH 1), 10:00am-10:50am (SH 2), 11:00am-11:50am (SH 3), 12:30pm-1:20pm (SH 4), 1:30pm-2:20pm (SH 5), 2:30pm-3:20pm (SH 6), 3:30pm-4:20pm (SH 7)

Class level: K-12

Taught by: Study Hall Monitor

Materials fee: No charge for this class if student is enrolled in at least one other Academy class

Materials needed: Homework, drawing or reading material

Class code: see above

Writing

Institute for Excellence in Writing

ALL Institute for Excellence in Writing (IEW) courses will cover creative, expository, and descriptive writing. Course materials may all be purchased from the Institute for Excellence in Writing website: www.excellenceinwriting.com. (Go to Products, Writing, Student Writing Intensive, and find Notebook and Packet Only.) All courses require the use of the KEY WORD
OUTLINE
for gathering facts used in assignments. It is highly recommended that students enroll for all 3 trimesters of this course. ALL FINAL assignments are to be in INK, whether they are typed or handwritten. ALL weekly assignments are due by 5:00 p.m. via email, on the Monday after the lesson, unless other arrangements have been made with the instructor. Plagiarism will NOT be tolerated.

Level A Writing - Beginning (3-5) III of III

This course covers the basic introduction and reinforcement of the Institute for Excellence in Writing (IEW) program. Please read the general statement for ALL IEW courses, above. Beginning with the Key Word Outline, the students learn how to gather information from source texts. Then, they learn the PROCESS for transforming those facts into meaningful reports, stories, and essays. Students enrolled in this course should understand what a complete sentence is and have had some writing experiences. Reluctant writers welcome! Weekly assignments are from 1-5 paragraphs long, and are due by 5:00 p.m. the Monday after the assignment is given. This will be a graded course.

Class size: 5 minimum

Class time: 2:30-3:20 pm

Class level: 3-5

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee:

Materials needed: IEW Level A Student Writing notebook Code: SIM-A Price: \$19.00 or Code:

SIM-AE Price: \$10.00 for the e-version. Paper, pens, highlighter, clipboard optional.

Level B Writing - Intermediate (6-8) III of III

This course covers much of the same material as the Level C High School course, but at a slower pace. There will be weekly creative, descriptive and expository writing assignments each week. We will work from the simple to the more complex, expanding vocabulary and sentence structures. Texts used are age appropriate for this level. This will be a graded course. Please read the general statement for ALL IEW courses, above.

Class size: 5 minimum

Class time: 12:30-1:20 pm

Class level: 6-8

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee:

Materials needed: IEW Level B Student Writing Intensive notebook, **Code: SIM-B Price: \$19.00**OR **Code: SIM-BE Price:** \$10.00 for the e-book version. Pens, paper, highlighters, optional clipboard.

LEVEL C Writing-Advanced (9-12) III of III

This course is for the general student and will provide instruction in the written word. Assignments cover the <u>IEW Level C Student Intensive</u> course. **Please read the general statement for ALL IEW courses, above.** If students struggle with some of the Basic English principles, this course will help them to master those concepts. This is NOT a grammar course, but grammatical principles will be introduced. Spelling is the responsibility of the student. Weekly assignments include creative, descriptive, and expository writing. There will be a grade given at the end of this trimester. It is highly recommended that students take this course for all 3 trimesters to fully develop the necessary skills for writing.

Class size: 5 minimum

Class time: 9:00-9:50 am

Class level: 9-12

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee:

Materials needed: IEW Level C Student Writing Intensive notebook, **Code: SIM-C Price: \$19.00**OR **Code: SIM-CE Price: \$10.00** for the e-book version. Paper, pens, highlighter, clipboard optional.