

Michiana Covenant Academy
Course Catalog
2016-2017
1st Trimester

Art

Art: K-2 / Period 5 / ND / 1T

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.

Class size: 10

Class time: 1:30 – 2:20 p.m.

Class level: K-2

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Class code: ND5

Art: 3-5 / Period 4 / ND / 1T

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.

Class size: 10

Class time: 12:30 -1:20 pm

Class level: 3-5

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron
Class code: ND4

Art: 6-8 / Period 7 / ND / 1T

This art class will focus on the techniques of North American Indian Tribes 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.

Class size: 10
Class time: 3:30-4:20 pm
Class level: 6-8
Taught by: Ninette Deliyannides
Materials fee: \$5.00
Materials needed: art apron
Class code: ND7

Art: 9-12 / Period 3 / ND / 1T

This fine arts class will focus on the art and techniques found along the Silk Road and surrounding area. 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. 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.

Class size: 10
Class time: 11:00-11:50 am
Class level: 9-12
Taught by: Ninette Deliyannides
Materials fee: \$5.00
Materials needed: art apron
Class code: ND3

Drawing: 7-12 / Period 2 / ND / 1T

Students will use the five basic elements of shape and focus on drawing what they see. This first trimester students will focus on the lights and darks of Chiaroscuro and Renaissance style drawings. 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: 12

Class time: 10:00-10:50 am

Class level: 7-12

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: Materials needed: one 9" x 12" spiral pad of drawing paper (60lb minimum), 1 pencil each of 6B, 2B, 2H, 1 kneaded eraser

Class code: ND2

Electives

Logic: 9-12 / Period 5 / KW / 1T

This is an introductory course to the "[Art of Argument](#)," by Aaron Larsen, which will help your student(s) to become more adept at critically thinking through issues they may face. By peering into the other side of the coin, our young people will become better equipped to counter wrong ideas when confronted and be able to recognize a "moot" point when they hear it. Relevance, Presumption, and Clarity will be explored for those taking all three trimesters as we work through 32 lessons of logic. The first trimester will cover an Introduction to Logic, Fallacies of Relevance, *Ad Fontem* arguments, (which are arguments against the source,) and about halfway through Appeals to Emotion, at the rate of approximately 7 pages of the text per week. There will be vocabulary, quizzes and tests throughout the year. A final grade will be given based upon the material covered each trimester. Why not give Logic a try?

Class size: minimum 3

Class time: 1:30 – 2:20 pm

Class level: 9-12

Taught by: Kathleen Williamson

Materials fee: none

Materials needed: Text, *The Art of Argument*, by Aaron Larsen and Joelle Hodge, pens, pencils, folder

Class code: KW 5

English

Grammar 6: 5-7 / Period 4 / KW / 1T

This is Shurley English Homeschooling Grammar Level 6. The class will cover approximately one chapter per week. Class time will be spent learning and reinforcing grammar concepts with 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 assignments and brief exercises to reinforce what is learned during class. Homework will be due at the start of class each week.

Class size: 4 minimum

Class time: 12:30 – 1:20 pm

Class level: 5-7

Taught by: Kathleen Williamson

Materials fee: none

Materials needed: [Shurley English Homeschooling Workbook Level 6](#), college-ruled paper, 3-ring binder and pen/pencil

Class code: KW4

Literature: 3-5 / Period 2 / SZ / 1T

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** will be the books read this trimester. Students will learn and apply basic literature terms (ex. = characters, theme, climax, plot). Students will have homework for the class and the class will be graded.

Class size: 3 minimum

Class time: 10:00 – 10:50 am

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

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

Class code: SZ2

Literature: 6-8 / Period 1 / ND / 1T

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 novels, a play, and

short stories 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 *The Importance of Being Earnest* by Oscar Wilde. 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 (minimum students needed is 5)

Class time: 9:00 – 9:50 am

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: none

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.

The play, *The Importance of Being Earnest* by Oscar Wilde will be included in the course packet.

Class code: ND1

Modern Literature I—Boats, Trains, and Automobiles: Toward American Literature: 9-12 / Period 4 / AD / 1T

This is the first of three courses that will cover several classic works of modern literature as part of the fourth year of a four-year sequence of college preparatory literature courses. It is recommended that students also take the “Modern History I” course in order to understand the interplay of literature with other philosophical, religious, and cultural currents. The final grade will be based on class participation, completion of weekly study questions and quizzes, three essays, and a final exam. To facilitate class discussion, the following editions are *required*:

Alexis de Tocqueville, excerpts on American literature from *Democracy in America*
(PDF provided)

Ralph Waldo Emerson, “Self-Reliance” and “The Poet” (PDF provided)

Walt Whitman, “Song of Myself” (PDF provided)

Nathaniel Hawthorne, “The Celestial Railroad” (PDF provided)

Nathaniel Hawthorne, *The House of the Seven Gables* (Penguin Classics edition)

<http://tinyurl.com/6syr6m7>

Herman Melville, “Benito Cereno” (Penguin Classics edition) <http://tinyurl.com/7ezuuo6>

Mark Twain, *The Adventures of Huckleberry Finn* (Penguin Classics edition) <http://tinyurl.com/86vt9jr>

F. Scott Fitzgerald, *The Great Gatsby* (Scribner edition) <http://tinyurl.com/773s992>

Richard Wright, *Native Son* (Harper Perennial Classics edition) <http://tinyurl.com/8eu2c3k>

Class size: admission upon instructor’s approval

Class time: 12:30–1:20pm

Class level: 9-12

Taught by: Dr. A. B. Deliyannides

Materials fee: none

Materials needed: texts as listed above. Instructor will provide PDFs as listed.

Class code: AD4

Poetry: 6-9 / Period 6 / KW / 1T

This course covers 30 lessons about poetry over the three trimesters. You will be expected to have the homework completed each week, so that you will have time to practice writing during the class hour. The textbook is [*The Grammar of Poetry*](#) by Matt Whitling. This course covers the technical grammar of poetry while the class time will be spent writing and enjoying one another's poems. This course does offer a final exam as well. There will NOT be a grade issued for the poems, but the homework worksheets and the final will make up the grade for this course.

Class size: 4 minimum

Class time: 2:30 – 3:20 pm

Class level: 6-9

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

Materials needed: text, pencils, erasers, pens, (fun colors, too!), a 3-ring notebook for keeping track of your poems, preferably one with inside pockets, **or** a folder, and a rhyming dictionary.

Class code: KW 6

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 / Period 3 / KW / 1T

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: 4 minimum

Class time: 11:00-11:50 am

Class level: 3-5

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

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.

Class code: KW 3

Level B Writing – Intermediate: 6-8 / Period 2 / KW / 1T

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: 4 minimum

Class time: 10:00-10:50

Class level: 6-8

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

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.

Class code: KW 2

LEVEL C Writing–Advanced: 9-12 / Period 1 / KW / 1T

This course is for the general student and will provide instruction in the written word. Assignments cover the [IEW Level C Student Intensive](#) 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: 4 minimum

Class time: 9:00-9:50 am

Class level: 9-12

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

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.

Class code: KW 1

GEOGRAPHY

Geography: 3-5 / Period 5 / SZ / 1T

In this trimester students will learn to locate the continents and oceans. They will study the following land areas: Canada, Mexico, the Caribbean Islands, the Arctic and Antarctica. Along with learning where these areas are, students will learn about their culture and land forms. Students should have access to an atlas. There will be some research homework (students will research and present facts about a Canadian province and an island). This course will be graded.

Class size: 3 minimum

Class time: 1:30 – 2:20 pm

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: Pocket folder or binder, pencil, notebook paper

Class code: SZ5

History/U. S. Government

Modern History I: 5-8 / Period 3 / PW / 1T

This is the first of three courses that will provide an introductory survey of the modern 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, “The Age of Revolutions,” will introduce students to the period, 1789-1870. 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, and a final exam.

Class size: 8

Class time: 11:00-11:50

Class level: 5-8

Taught by: Dr. Peter J. Wallace

Materials fee: none

Materials needed: internet access

Class code: PW 3

Modern History I/American History II – Slavery and the Civil War: 9-12 / Period 1 / PW / 1T

This is the first of three courses that will cover several classic works of modern history as part of a four-year sequence of college preparatory history classes. The course dovetails with the “Modern Literature 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, essay, and a final exam.

This course is designed to introduce students to the political, social and religious issues surrounding slavery that resulted in the Civil War. Beyond the two texts listed below, students will read a number of essays, speeches, and debates from a variety of sources from the 1850s and 1860s that discuss slavery and the coming of the Civil War.

[Please note: this course could be considered “U.S. Government” or “U.S. History” (U.S. History I was taught last year)]

To facilitate class discussion, the following editions will be *required*:

Alexis de Tocqueville, *Democracy in America* (Penguin, 2003)

<http://www.amazon.com/Democracy-America-Penguin-Classics-Tocqueville/dp/0140447601/>

Harold Holzer, *The Lincoln-Douglas Debates: The First Complete, Unexpurgated Text* (Fordham Univ Press, 2004)

<http://www.amazon.com/Lincoln-Douglas-Debates-First-Complete-Unexpurgated/dp/0823223426>

Coursepack (provided by instructor)

[NB: The Holzer edition is more expensive than others, but this version is the only one that provides the editorial comments from *both sides* of the debate; previous editions were taken from the Republican newspapers, which offer a one-sided perspective.]

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

1) 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/>

2) Garraty & McCaughey, *The American Nation* (sixth edition)

www.amazon.com/American-Nation-History-United-States/dp/0060423129/

(You are welcome to get newer editions, but since I use these editions, I will base my questions on the assumption that the student is familiar with what is in these versions.)

Class size: 8

Class time: 9:00-9:50

Class level: 9-12

Taught by: Dr. Peter J. Wallace

Materials fee: none

Materials needed: Books as listed above

Class code: PW 1

Language

Spanish A: 7-8 / Period 4 / SD / 1T

This 3 trimester course is a gentle introduction to Spanish language, taught toward junior high level students. Recommended for 7th and 8th graders; other grade levels may be admitted upon instructor approval. The course focuses on vocabulary of everyday life, the present tense of verbs, and culture; listening, reading, writing, and speaking the language will be practiced. If taken in sequence with "Spanish B" next year, the two courses together are the equivalent of high school Spanish I, after which students may enroll in Spanish II. Students must purchase a workbook, available online: [*Spanish is Fun, Book 1, Fifth Edition*](#)

Class size: 10

Class time: 12:30-1:20

Class level: 7-8

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD4

Spanish I Class and Lab: 8-12 / Periods 5 and 6 / SD / 1T

This is a 3 trimester course, the first year of high school Spanish. This course focuses on cognate vocabulary, proper pronunciation, vocabulary of family, school, everyday activities, professions,

seasons, the calendar, weather, human body, 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 the text workbook, at

[Spanish is Fun, Book 1, Fifth Edition](#)

Class size: 10

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

Class level: 8-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD5 **AND** SD6

Spanish Conversation: 8-12 / Period 5 / SD / 1T

Prerequisite: Spanish I and instructor approval. Conversation class is designed to reinforce the vocabulary and grammar of Spanish I without advancing into Spanish II materials. This 3-trimester course is useful for a student who wants to reinforce and expand conversation skills acquired in Spanish I, or gain more practice before entering the next level of Spanish instruction. Students will work through the text *Conversaciones Contigo*, checking their homework and taking a brief quiz weekly. Students will also participate in conversation activities with multi-level Spanish students in the language lab. Students must purchase the text workbook, available online: [Conversaciones Contigo](#)

Class size: 10

Class time: 1:30-2:20

Class level: 9-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD5

Spanish II Class and Lab: 9-12 / Periods 5 and 7 / SD / 1T

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 can be purchased through the publisher at [Spanish is Fun, Book 2](#) (softcover).

Students who take Spanish II and Spanish Lab are not charged for the Study Hall between them.

Class size: 10

Class time: 1:30-2:20 **AND** 3:30-4:20

Class level: 9-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD5 **AND** SD7

Advanced Spanish III/IV Class: 10-12 / Period 3 / SD / 1T

Prerequisite: Spanish II. This is a 3 trimester course, advanced high school Spanish. It is possible to enroll for this course 2 consecutive years. The coursework reviews and extends past grammar: present, past, future, conditional, and compound tenses. Vocabulary, conversation, reading and culture will also be emphasized. Field experience, volunteer activities in Spanish language settings in the community may be available. Class time will be devoted to vocabulary, grammar, reading, and conversation. Textbooks are available through publisher, Perfection Learning (AMSCO):

[Momentos Hispanos](#) (Spanish Reader)

<http://www.amscopub.com/viewProduct.php?productID=13444> (Spanish Workbook)

*Note there has been a change in edition since last year; contact instructor if workbook needed

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

Class size: 10

Class time: 11:00-11:50

Class level: 10-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD3

MUSIC

Music: K-3 / Period 4 / SZ / 1T

Learning and practicing basic music terms are the focus in this basic music course. We will be learning

about famous composers and several basic children's songs but we will be looking at them in a new way. Learning concepts will take place by marching, clapping, rhythm sticks, and singing. This course will not be graded.

Class size: 3 minimum

Class time: 12:30 – 1:20 pm

Class level: K - 3

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: pocket folder or binder, pencil

Class code: SZ4

Music: 3-8 / Period 3 / SZ / 1T

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 Middle Ages and Renaissance Eras from a music perspective. This course will not be graded.

Class size: 3 minimum

Class time: 11:00 – 11:50 am

Class level: 3-8

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: pocket folder or binder, pencil

Class code: SZ3

Science

Biology II: Human Anatomy and Physiology: 10-12 / Periods 2 and 3 / SAH / 1T

The first trimester of [The Human Body: Fearfully and Wonderfully Made](#) starts with a review of concepts learned in Biology I. We will then explore in depth the histology of tissues, especially of the bones and muscles. There will be readings from the text, and further study using the [Anatomy Coloring Book](#) by Kapit and Elson. At least two hours of homework will be assigned weekly, and will include coloring book exercises from the textbook. *Mandatory dissections, microscopy, and module tests will be done in the Lab section of the class.* Grades will be based on laboratory assignments and module tests. **Biology I is required, or permission of the teacher.** *Parents are encouraged to check the Study Guide Questions in preparation for the module tests. An answer sheet will be given for this*

purpose. **All students taking Biology II must take the Laboratory also.**

Class size: 12

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

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: 1st edition textbook (available through Amazon), coloring book, colored pencils, and notebook

Class code: SAH2 **AND** SAH3

Biology II Lab: 10-12 / Periods 2 and 3 / SAH / 1T

The first trimester of Advanced Biology Laboratory Section will cover Laboratory Safety and microscope use. Drawings will be made from the microscope work, and dissections performed under supervision. All module tests will be taken during the lab period. There will be further study using the Anatomy and Physiology Coloring Book by Kapit and Elson. **All students taking Biology II must take the Laboratory also.**

Class size: 12

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

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: 1st edition textbook (available through Amazon), coloring book, colored pencils, apron or large shirt (for dissections), and notebook

Class code: SAH2 **AND** SAH3

General Science: 6-8 / Period 5 / SAH / 1T

[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. Tests will be take-home, and are due on the following class day. Students will need a folder or notebook for handouts and lab work. There is a \$5 lab fee.

Class size: 12

Class time: 1:30 – 2:20 pm

Class level: 6-8

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: 2nd edition textbook (available through Amazon), binder

Class code: SAH5

Physical Science: 8-10 / Period 7 / SAH / 1T

The first trimester of [Exploring Creation with Physical Science, 2nd Edition](#) starts with an introduction to atoms and molecules. We will explore the composition of air and the atmosphere, and then learn about the structure of water and the hydrosphere. There will be readings from the text, and from the Apologia website. Two hours of homework will be assigned weekly, with a high emphasis on lab reports. Grades will be based on laboratory reports and module tests. **Algebra is required.** Students will be required to have a notebook or folder for laboratory reports, and access to a computer for readings. *Parents are encouraged to check the Study Guide Questions in preparation for the module tests. An answer sheet will be given for this purpose.* Students may decide to do extra reading during the Christmas break.

Class size: 12

Class time: 3:30-4:20

Class level: 8-10

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: 2nd edition textbook (available through Amazon), notebook

Class code: SAH7

Physics: 11-12 / Period 7 / MH / 1T

Physics is a three trimester course of High School introductory physics, based on the book [Exploring Creation with Physics, 2nd Edition](#) by Dr. Jay Wile. This class is designed to prepare the student for university-level physics courses.

Please note that this book is set up for use over 32 weeks; our three trimesters have only thirty weeks, so there will be some acceleration (pun intended) in the material covered in the first trimester. Due to instructor's scheduling constraints, there will be no separate lab section.

First Trimester: Basics of motion

The first trimester begins by studying motion and Newton's Laws, covering the following topics:

- Motion in one dimension (speed, velocity and acceleration)
- Equations for one-dimensional motion (displacement, velocity, acceleration and time)
- Free fall
- Two-dimensional vectors

- Motion in two dimensions
- Newton's three laws
- Applications of Newton's second law

Most class periods will have some experiment or demonstration of the material discussed.

Class size: minimum 3

Class time: 3:30-4:20

Class level: 11-12

Taught by: Mark Hanson

Materials fee: \$5

Prerequisites: Algebra 1 & 2 and introductory trigonometry (sine, cosine, tangent).

Materials needed: 2nd edition textbook (available through Amazon), notebook

Class code: MH7

Zoology 1: 3-5 / Period 1 / SAH / 1T

[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 classification of animals, 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: 9:00 – 9:50 am

Class level: 3-5

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook (available through Amazon), binder

Class code: SAH1

Study Hall

Study Hall: K-12 / Periods 1, 2, 3, 4, 5, 6, 7 / SH / 1T

This class is designed as a service for the parents. Monitored Study Hall is available at no additional charge to students who have signed up for *at least four other classes/labs*. If a student is enrolled in fewer than four classes/labs, then a \$25.00 fee per study hall per trimester is applicable. 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 four other Academy classes, or \$25.00 per trimester per study hall

Materials needed: Homework, drawing or reading material

Class code: see above

Michiana Covenant Academy

Course Catalog

2016-2017

2nd Trimester

Art

Art: K-2 / Period 5 / ND / 2T

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: 10

Class time: 1:30 – 2:20 p.m.

Class level: K-2

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Class code: ND5

Art: 3-5 / Period 4 / ND / 2T

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

Class code: ND4

Art: 6-8 / Period 7 / ND / 2T

This second trimester students will learn about the Survival of Antiquity and High Renaissance art and artists. 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: 3:30-4:20 pm
Class level: 6-8
Taught by: Ninette Deliyannides
Materials fee: \$5.00
Materials needed: art apron
Class code: ND7

Art: 9-12 / Period 3 / ND / 2T

This fine arts class will focus on 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. 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.

Class size: 12
Class time: 11:00-11:50 am
Class level: 9-12
Taught by: Ninette Deliyannides
Materials fee: \$5.00
Materials needed: art apron
Class code: ND3

Drawing: 7-12 / Period 2 / ND / 2T

Students will use the five basic elements of shape and focus on drawing what they see. This second trimester students will focus on emotive and subtractive drawing. Students will learn how to prepare their surfaces and draw the significant lines or the light rather than define their subject with 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: 12
Class time: 10:00-10:50 am
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 each of [9B Lyra graphite](#) crayon, 1 white conte [crayon](#) or [pencil](#), , 1 kneaded eraser, 1 white plastic eraser, 1 Facticis

[black eraser](#)

Class code: ND2

Electives

Logic: 9-12 / Period 5 / KW / 2T

This is an introductory course to the "[Art of Argument](#)," by Aaron Larsen, which will help your student(s) to become more adept at critically thinking through issues they may face. By peering into the other side of the coin, our young people will become better equipped to counter wrong ideas when confronted and be able to recognize a "moot" point when they hear it. Fallacies of relevance and most of the fallacies of presumption are explored in this second trimester, as we continue to work through 31 lessons of logic. We will cover approximately 7 pages of text per week. There will be vocabulary, quizzes and tests throughout the term. A final grade will be given based upon the material covered during the trimester. Why not give Logic a try?

Class size: minimum 3

Class time: 1:30 – 2:20 pm

Class level: 9-12

Taught by: Kathleen Williamson

Materials fee: none

Materials needed: Text, *The Art of Argument*, by Aaron Larsen and Joelle Hodge, pens, pencils, folder

Class code: KW5

English

Grammar 6: 5-7 / Period 4 / KW / 2T

This is Shurley English Homeschooling Grammar Level 6. The class will cover approximately one chapter per week. Class time will be spent learning and reinforcing grammar concepts with 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 assignments and brief exercises to reinforce what is learned during class. Homework will be due at the start of class each week.

Class size: 4 minimum

Class time: 12:30 – 1:20 pm

Class level: 5-7

Taught by: Kathleen Williamson

Materials fee: none

Materials needed: [Shurley English Homeschooling Workbook Level 6](#), college-ruled paper, 3-ring binder and pen/pencil
Class code: KW4

Literature: 3-5 / Period 2 / SZ / 2T

Mystery is the theme this 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? Students will have homework for the class and it course will be graded.

Class size: 3 minimum

Class time: 10:00 – 10:50 am

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

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

Class code: SZ2

Literature: 6-8 / Period 1 / ND / 2T

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 (minimum students needed is 5)

Class time: 9:00 – 9:50 am

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: none

Materials needed: *MacBeth* by William Shakespeare, and the same edition of *Les Miserables* shown above.

Class code: ND1

Modern Literature II—Prometheus Confounded: 9-12 / Period 4 / AD / 2T

This is

the second of three courses that will cover several classic works of modern literature as part of the fourth year of a four-year sequence of college preparatory literature courses. It is recommended that students also take the “Modern History II” course in order to understand the interplay of literature with other philosophical, religious, and cultural currents. The final grade will be based on class participation, completion of weekly study questions and quizzes, two essays, and a final exam. To facilitate class discussion, the following editions are *required*:

Selected Romantic Promethean poems (PDF provided)

Mary Shelley, *Frankenstein, or The Modern Prometheus* (Penguin Classics edition)

<http://tinyurl.com/7fo6u4b>

Promethean excerpts from Kierkegaard, Nietzsche, and Marx (PDF provided)

Selected nineteenth- and twentieth-century poems (PDF provided)

Stephen Crane, “The Open Boat” (PDF provided)

Franz Kafka, *The Metamorphosis* (Oxford World’s Classics edition) <http://tinyurl.com/89ogdvs>

Joseph Conrad, *Heart of Darkness* (Oxford World’s Classics edition) <http://tinyurl.com/87p9hjc>

Albert Camus, excerpts from *The Myth of Sisyphus* and *The Rebel* (PDF provided)

Albert Camus, *The Stranger* (Vintage International edition) <http://tinyurl.com/hp7by6w>

Albert Camus, *The Fall* (Vintage International edition) <http://tinyurl.com/jaklbuk>

George Orwell, *1984* (Plume edition) <http://tinyurl.com/7a2lpze>

Hermann Hesse, *Demian* (Dover Thrift edition) <http://tinyurl.com/6oya42z>

Samuel Beckett, *Waiting for Godot* (Grove Press edition) <http://tinyurl.com/htnlm9a>

Class size: admission upon instructor’s approval

Class time: 12:30–1:20pm

Class level: 9-12

Taught by: Dr. A. B. Deliyannides

Materials fee: none

Materials needed: texts as listed above. Instructor will provide PDFs as listed.

Class code: AD4

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 / Period 3 / KW / 2T

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: 4 minimum

Class time: 11:00-11:50 am

Class level: 3-5

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

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.

Class code: KW3

Level B Writing – Intermediate: 6-8 / Period 2 / KW / 2T

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: 4 minimum

Class time: 10:00-10:50

Class level: 6-8

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

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.

Class code: KW2

LEVEL C Writing–Advanced: 9-12 / Period 1 / KW / 2T

This course is for the general student and will provide instruction in the written word. Assignments

cover the IEW Level C Student Intensive 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: 4 minimum

Class time: 9:00-9:50 am

Class level: 9-12

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

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.

Class code: KW 1

Poetry: 6-9 / Period 6 / KW / 2T

This course covers 30 lessons about poetry over the three trimesters. You will be expected to have the homework completed each week, so that you will have time to practice writing during the class hour. The textbook is [The Grammar of Poetry](#) by Matt Whitling. This course covers the technical grammar of poetry while the class time will be spent writing and enjoying one another's poems. This course does offer a final exam as well. There will NOT be a grade issued for the poems, but the homework worksheets and the final will make up the grade for this course.

Class size: 4 minimum

Class time: 2:30 – 3:20 pm

Class level: 6-9

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

Materials needed: text Pencils, erasers, pens, (fun colors, too!), a 3-ring notebook for keeping track of your poems, preferably one with inside pockets, **or** a folder, and a rhyming dictionary.

Class code: KW6

GEOGRAPHY

Geography: 3-5 / Period 5 / SZ / 2T

Students will travel through Central and South America this trimester to learn about the culture and traditions of these regions and where the countries are. Students will have quizzes on the location of

the countries and they will have to research a country from South America and present it to the class. They should have access to an atlas. There will be some homework and this course will be graded.

Class size: 3 minimum

Class time: 1:30 – 2:20 pm

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: Pocket folder or binder, pencil, notebook paper

Class code: SZ5

History/U. S. Government

Modern History II: 5-8 / Period 3 / PW / 2T

This is the second of three courses that will provide an introductory survey of the modern 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 Modern World,” will introduce students to the period, 1870-1936. The student’s primary work will be learning how to use online resource 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, and a final exam.

Class size: 8

Class time: 11:00-11:50

Class level: 5-8

Taught by: Dr. Peter J. Wallace

Materials fee: none

Materials needed: internet access

Class code: PW3

Modern History II – The Rise of the Modern World: 9-12 / Period 1 / PW / 2T

This is the second of three courses that will cover several classic works of modern history as part of a four-year sequence of college preparatory history classes. It is recommended that students also take the “Modern Literature II” course in order to understand the interplay of literature with other philosophical, religious, and cultural currents. 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, essay, and a final exam.

The object of this course is to help students understand the development of modern thought. For this reason we will be reading many texts that overtly disagree with (and indeed seek to overthrow) Christian principles. Why read these texts? If you have watched Disney movies, then you have already been indoctrinated with the principles of modernity. The texts that we will read in class will simply make explicit what modern movies, songs, TV shows, etc. take for granted – and regularly seek to inculcate. In other words, you cannot escape the material we will read in this trimester. The only question is whether you will try to understand it or not!

I strongly recommend that students who take this course continue for the third trimester – since the third trimester will provide the bulk of the discussion of how to evaluate and think about this material from a Christian standpoint.

To facilitate class discussion, the following editions will be required:

Soren Kierkegaard, *The Sickness Unto Death* (1849) [Princeton, 1980]

<http://www.amazon.com/The-Sickness-Unto-Death-Psychological/dp/0691020280/>

John Stuart Mill, *On Liberty* (1859) [Cambridge, 1989]

<http://www.amazon.com/J-S-Mill-Cambridge-Political/dp/0521379172/>

Friedrich Nietzsche, *On the Genealogy of Morality* (1887)

<http://www.amazon.com/Genealogy-Morality-Friedrich-Wilhelm-Nietzsche/dp/0872202836/>

Robert C. Tucker, *The Marx-Engels Reader* 2nd Edition (Norton, 1978)

www.amazon.com/Marx-Engels-Reader-Second-Karl-Marx/dp/039309040X/

Henry Christman, *The Essential Works of Lenin* (Bantam, 1966; or Dover, 1987)

<http://www.amazon.com/Essential-Works-Lenin-Other-Writings/dp/0486253333/>

Sigmund Freud, *Civilization and Its Discontents* (1930) [Norton, 1989]

www.amazon.com/Civilization-Its-Discontents-Sigmund-Freud/dp/0393301583/

Abraham Kuyper, *What Is Calvinism?* (1898) [Any reprint of the 1931 Eerdmans edition is fine – it will have Calvinism and Politics starting on page 78]

www.amazon.com/Lectures-Calvinism-Stone-1898/dp/1602068402/

Coursepack (provided by the instructor)

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

1) 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/>

2) Garraty & McCaughey, *The American Nation* (sixth edition)

www.amazon.com/American-Nation-History-United-States/dp/0060423129/

(You are welcome to get newer editions, but since I use these editions, I will base my questions on the

assumption that the student is familiar with what is in these versions.)

Class size: 8

Class time: 9:00-9:50

Class level: 9-12

Taught by: Dr. Peter J. Wallace

Materials fee: none

Materials needed: Books as listed above

Class code: PW1

Language

Spanish A: 7-8 / Period 4 / SD / 2T

This 3 trimester course is a gentle introduction to Spanish language, taught toward junior high level students. Recommended for 7th and 8th graders; other grade levels may be admitted upon instructor approval. The course focuses on vocabulary of everyday life, the present tense of verbs, and culture; listening, reading, writing, and speaking the language will be practiced. If taken in sequence with "Spanish B" next year, the two courses together are the equivalent of high school Spanish I, after which students may enroll in Spanish II. Students must purchase a workbook, available online: [*Spanish is Fun, Book 1, Fifth Edition*](#)

Class size: 10

Class time: 12:30-1:20

Class level: 7-8

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD4

Spanish I Class and Lab: 8-12 / Periods 5 and 6 / SD / 2T

This is a 3 trimester course, the first year of high school Spanish. This course focuses on cognate vocabulary, proper pronunciation, vocabulary of family, school, everyday activities, professions, seasons, the calendar, weather, human body, 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 the text workbook, at

[*Spanish is Fun, Book 1, Fifth Edition*](#)

Class size: 10

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

Class level: 8-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD5 **AND** SD6

Spanish Conversation: 8-12 / Period 5 / SD / 2T

Prerequisite: Spanish I and instructor approval. Conversation class is designed to reinforce the vocabulary and grammar of Spanish I without advancing into Spanish II materials. This 3-trimester course is useful for a student who wants to reinforce and expand conversation skills acquired in Spanish I, or gain more practice before entering the next level of Spanish instruction. Students will work through the text *Conversaciones Contigo*, checking their homework and taking a brief quiz weekly. Students will also participate in conversation activities with multi-level Spanish students in the language lab. Students must purchase the text workbook, available online: [Conversaciones Contigo](#)

Class size: 10

Class time: 1:30-2:20

Class level: 9-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD5

Spanish II Class and Lab: 9-12 / Periods 5 and 7 / SD / 2T

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 can be purchased through the publisher at [Spanish is Fun, Book 2](#) (softcover).

Students who take Spanish II and Spanish Lab are not charged for the Study Hall between them.

Class size: 10

Class time: 1:30-2:20 **AND** 3:30-4:20

Class level: 9-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD5 **AND** SD7

Advanced Spanish III/IV Class: 10-12 / Period 3 / SD / 2T

Prerequisite: Spanish II. This is a 3 trimester course, advanced high school Spanish. It is possible to enroll for this course 2 consecutive years. The coursework reviews and extends past grammar: present, past, future, conditional, and compound tenses. Vocabulary, conversation, reading and culture will also be emphasized. Field experience, volunteer activities in Spanish language settings in the community may be available. Class time will be devoted to vocabulary, grammar, reading, and conversation. Textbooks are available through publisher, Perfection Learning (AMSCO):

[Momentos Hispanos](#) (Spanish Reader)

<http://www.amscopub.com/viewProduct.php?productID=13444> (Spanish Workbook)

*Note there has been a change in edition since last year; contact instructor if workbook needed

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

Class size: 10

Class time: 11:00-11:50

Class level: 10-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD3

Music

Music: K-3 / Period 4 / SZ / 2T

Students will continue learning and practicing basic music terms but this trimester there will also be a focus on African American music, particularly spirituals. They will also learn to play bells. This course will not be graded.

Class size: 3 minimum

Class time: 12:30 – 1:20 pm

Class level: K - 3

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: pocket folder or binder, pencil

Class code: SZ4

Music: 3-8 / Period 3 / SZ / 2T

This course will help the student move beyond the basics in music. We will be learning how to identify all the notes on the staff, playing out rhythms, tempo markings, and continue sight reading. We will also be learning about Ragtime, Jazz and Spirituals. This course will not be graded.

Class size: 3 minimum

Class time: 11:00 – 11:50 am

Class level: 3-8

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: pocket folder or binder, pencil

Class code: SZ3

Science

Biology II: Human Anatomy and Physiology: 10-12 / Periods 2 and 3 / SAH / 2T

The second trimester of [Advanced Biology](#) continues with an overview of the skeletal system. We will then explore in depth the nervous system, both gross and central and peripheral. Our last unit will be a simple study of the endocrine system. There will be readings from the text, and further study using the [Anatomy Coloring Book](#) by Kapit and Elson. At least two hours of homework will be assigned weekly, and will include experiments and coloring book exercises from the textbook. Mandatory dissections, microscopy, and module tests will be done in the Lab section of the class. Grades will be based on laboratory assignments and module tests. **Biology I is required, or permission of the teacher.** *Parents are encouraged to check the Study Guide Questions in preparation for the module tests. An answer sheet will be given for this purpose.* **All students taking Biology II must take the Laboratory also.**

Class size: 12

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

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: 1st edition textbook (available through Amazon), coloring book, colored pencils, and notebook

Class code: SAH2 **AND** SAH3

Biology II Lab: 10-12 / Periods 2 and 3 / SAH / 2T

The second trimester of Advanced Biology Laboratory Section will continue with dissections, especially of the eye, and microscope work. Drawings will be made from the microscope work, and dissections performed under supervision. All module tests will be taken during the lab period. There will be further study using the Anatomy Coloring Book <http://www.amazon.com/Anatomy-Coloring-Book-Wynn-Kapit/dp/0805350861> by Kapit and Elson. **All students taking Biology II must take the Laboratory also.**

Class size: 12

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

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: 1st edition textbook (available through Amazon), coloring book, colored pencils, apron or large shirt (for dissections), and notebook

Class code: SAH2 **AND** SAH3

General Science: 6-8 / Period 5 / SAH / 2T

[Exploring Creation with General Science, 2nd edition](#) The second trimester continues 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. Students will need a folder or notebook for handouts and lab work. There is a \$5 lab fee.

Class size: 12

Class time: 1:30-2:20 pm

Class level: 6-8

Taught by: Sally Hanson

Materials fee: \$5.00

Materials needed: 2nd edition textbook (available through Amazon), notebook

Class code: SAH5

Physical Science: 8-10 / Period 7 / SAH / 2T

The second trimester of [Exploring Creation with Physical Science, 2nd Edition](#) starts with an exploration of the Earth and the lithosphere, and continues with factors that influence weather. We conclude with an introduction to the physics of motion, and Newton's Laws. There will be readings from the text, and from the Apologia website. Two hours of homework will be assigned weekly, and will include experiments from the textbook. Grades will be based on laboratory assignments and module tests.

Algebra is required. Students will be required to have a notebook or folder for laboratory reports, and access to a computer for readings. *Parents are encouraged to check the Study Guide Questions in preparation for the module tests. An answer sheet will be given for this purpose.*

Class size: 12

Class time: 3:30-4:20

Class level: 8-10

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: 2nd edition textbook (available through Amazon), notebook

Class code: SAH7

Physics: 11-12 / Period 7 / MH / 2T

Physics is a three trimester course of High School introductory physics, based on the book [Exploring Creation with Physics, 2nd Edition](#) by Dr. Jay Wile. This class is designed to prepare the scholar for university-level physics courses.

Please note that this book is set up for use over 32 weeks; our three trimesters have only thirty weeks, so there will be some acceleration (pun intended) in the material covered in the first trimester. Due to instructor's scheduling constraints, there will be no separate lab section.

2nd Trimester: Motion, momentum, energy, work and waves

The second trimester completes the study of motion and its application in energy, work, momentum and waves. We will cover the following topics:

- Uniform circular motion
- Gravity
- Work and energy
- Momentum
- Periodic motion
- Waves: sound and light

Most class periods will have some experiment or demonstration of the material discussed.

Class size: minimum 3

Class time: 3:30-4:20

Class level: 11-12

Taught by: Mark Hanson

Materials fee: \$5

Prerequisites: Algebra 1 & 2 and introductory trigonometry (sine, cosine, tangent).

Materials needed: 2nd edition textbook (available through Amazon), notebook

Class code: MH7

Zoology 1: 3-5 / Period 1 / SAH / 2T

[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: 9:00 – 9:50 am

Class level: 3-5

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook (available through Amazon), binder

Class code: SAH1

Study Hall

Study Hall: K-12 / Periods 1, 2, 3, 4, 5, 6, 7 / SH / 2T

This class is designed as a service for the parents. Monitored Study Hall is available at no additional charge to students who have signed up for *at least four other classes/labs*. If a student is enrolled in fewer than four classes/labs, then a \$25.00 fee per study hall per trimester is applicable. 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 four other Academy classes, or

\$25.00 per trimester per study hall

Materials needed: Homework, drawing or reading material

Class code: see above

Michiana Covenant Academy

Course Catalog

2016-2017

3rd Trimester

Art

Art: K-2 / Period 5 / ND / 3T

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.

Class size: 10

Class time: 1:30 – 2:20 p.m.

Class level: K-2

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Class code: ND5

Art: 3-5 / Period 4 / ND / 3T

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.

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

Class code: ND4

Art: 6-8 / Period 7 / ND / 3T

This third trimester students will learn about Latin American and Modern American art and artists. 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: 3:30-4:20 pm

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: \$5.00

Materials needed: art apron

Class code: ND7

Art: 9-12 / Period 3 / ND / 3T

This fine arts class will focus on Pop Art, Op Art and mid-20th century 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. 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.

Class size: 10

Class time: 11:00-11:50 am

Class level: 9-12

Taught by: Ninette Deliyannides
Materials fee: \$5.00
Materials needed: art apron
Class code: ND3

Drawing: 7-12 / Period 2 / ND / 3T

Students will use the five basic elements of shape and focus on line. This third trimester students will focus on a variety of lines with an emphasis on the positive and negative space created by using Bic disposable ink pens. 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: 12
Class time: 10:00-10:50 am
Class level: 7-12
Taught by: Ninette Deliyannides
Materials fee: \$5.00
Materials needed: Materials needed: one 9" x 12" spiral pad of drawing paper (60lb minimum), [3 blue Bic disposable pens](#)
Class code: ND2

Electives

Logic: 9-12 / Period 5 / KW / 3T

This is an introductory course to the "[Art of Argument](#)," by Aaron Larsen, which will help your student(s) to become more adept at critically thinking through issues they may face. By peering into the other side of the coin, our young people will become better equipped to counter wrong ideas when confronted and be able to recognize a "moot" point when they hear it. The conclusion of fallacies of presumption, the fallacies of Induction and the fallacies of Clarity will be explored as we conclude working through the last 10 of these 31 lessons of logic. A final grade will be given for those students who sustained all three trimesters, and a separate grade will be given for those students who just took this trimester, covering only the material covered this term. There will be vocabulary, quizzes and tests throughout the term. Why not give Logic a try?

Class size: minimum 3
Class time: 1:30 – 2:20 pm
Class level: 9-12

Taught by: Kathleen Williamson

Materials fee: none

Materials needed: Text, *The Art of Argument*, by Aaron Larsen and Joelle Hodge, pens, pencils, folder

Class code: KW5

Robotics Challenge Mindstorms NXT 2.0 (3rd Trimester ONLY): 5-8 / Period 7 / JS / 3T

The Robotics Challenge course will build on the foundation of the introductory course. Students will work as a group to build, program, and test robots to complete a series of challenges. The challenges will be based on the LEGO Education Green City Challenge curriculum. Students will learn how engineering, math, and science can be applied through the use of robotic technology to solve real world problems.

This course will develop linear thinking and teamwork in problem solving. Basic computer skills are prerequisite. Experience with programming in the NXT-G Language or equivalent is necessary as all students will be required to take part in programming exercises. Experience with the LEGO building system is helpful but not a prerequisite.

Student evaluations will be based on participation, teamwork, and demonstrated understanding of the course material measured by quizzes throughout the course. Letter grades will be available upon request.

The Robotics Challenge class is on a 2-year rotation and is only offered in the 3rd trimester.

Class size: 8 maximum (minimum 4)

Class time: 3:30-4:20 pm

Class level: 5-8

Taught by: Jacob Stoltzfus

Materials needed: none (all materials will be provided by the instructor)

Class code: JS7

Theatre 1, Character Development (3rd Trimester ONLY): 8-12 / Period 6 / MM / 3T

This workshop-style class will serve as an introduction to acting, through activities that will familiarize students with basic theatre practices. Students will workshop classical monologues with the aim of exploring the oral quality of language, improving vocal presentation skills, and building confidence in front of an audience. Students will perform monologues for their peers and invited audience at the conclusion of the trimester. Prep-work includes memorization, some additional reading, and occasional short writing assignments. Appropriate for all levels of experience. Please dress to move. Participation evaluation given at the end of the semester; grades only upon parental request. This semester, we will be workshopping monologues from Shakespeare's *The Tempest*. Students will need to purchase a copy of the play. Used editions are fine, although unmarked single-play editions with additional scholarly commentary (especially glossary) are preferred. I recommend editions by Norton

or Penguin Classics.

Class size: minimum 4

Class time: 2:30 – 3:20 pm

Class level: 8-12 (with exceptions for younger students based upon instructor approval).

Taught by: Margaret McMillan

Materials fee: None

Materials needed: Comfortable shoes and clothes to move in. Copy of play and pencil.

Class Code: MM6

English

Grammar 6: 5-7 / Period 4 / KW / 3T

This is Shurley English Homeschooling Grammar Level 6. The class will cover approximately one chapter per week. Class time will be spent learning and reinforcing grammar concepts with 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 assignments and brief exercises to reinforce what is learned during class. Homework will be due at the start of class each week.

Class size: 4 minimum

Class time: 12:30 – 1:20 pm

Class level: 5-7

Taught by: Kathleen Williamson

Materials fee: none

Materials needed: [Shurley English Homeschooling Workbook Level 6](#), college-ruled paper, 3-ring binder and pen/pencil

Class code: KW4

Literature: 3-5 / Period 2 / SZ / 3T

Folk Tales, Fairy Tales, Myths, and Legends from around the world will be the focus this trimester. We will study what makes up these different types of literature and learn about various cultures. Most of the readings will be given to students as a handout, and some internet links or library access will also be used. Students will have homework for the class.

Class size: 3 minimum

Class time: 10:00 – 10:50 am

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: folder or binder, pencil, notebook paper

Class code: SZ2

Literature: 6-8 / Period 1 / ND / 3T

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 (minimum students needed is 5)

Class time: 9:00 – 9:50 am

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: none

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

Modern Literature III—Hope in the Wasteland: 9-12 / Period 4 / AD / 3T

This is the third of three courses that comprise the fourth year of a four-year sequence of college preparatory literature courses. It is recommended that students also take the “Modern History III” course in order to understand the interplay of literature with other philosophical, religious, and cultural currents. The final grade will be based on class participation, completion of weekly study questions and quizzes, one essay, and a final exam. To facilitate class discussion, the following editions are *required*:

T.S. Eliot, *Selected Poems* (Mariner Books edition) <http://tinyurl.com/cdcrw34>

Fyodor Dostoevsky, *Notes from Underground* (Pevear & Volokhonsky translation)

<http://tinyurl.com/c479zmv>

Fyodor Dostoevsky, *Crime & Punishment* (Pevear & Volokhonsky translation)

<http://tinyurl.com/bw7wez1>

William Blake, *The Marriage of Heaven and Hell* (PDF provided)

C.S. Lewis, *The Great Divorce* (HarperOne edition) <http://tinyurl.com/chxp3sz>

Flannery O'Connor, *Wise Blood* (Farrar, Straus, and Giroux edition) <http://tinyurl.com/83ucthu>

Walker Percy, *The Moviegoer* (Vintage edition) <http://tinyurl.com/6pyf6a2>

Shusaku Endo, *Silence* (Taplinger edition) <http://tinyurl.com/7x2jws9>

Class size: admission upon instructor's approval

Class time: 12:30–1:20pm

Class level: 9-12

Taught by: Dr. A. B. Deliyannides

Materials fee: none

Materials needed: texts as listed above. Instructor will provide PDFs as listed.

Class code: AD4

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 / Period 3 / KW / 3T

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: 4 minimum

Class time: 11:00-11:50 am

Class level: 3-5

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

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.

Class code: KW3

Level B Writing – Intermediate: 6-8 / Period 2 / KW / 3T

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: 4 minimum

Class time: 10:00-10:50

Class level: 6-8

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

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.

Class code: KW2

LEVEL C Writing–Advanced: 9-12 / Period 1 / KW / 3T

This course is for the general student and will provide instruction in the written word. Assignments cover the [IEW Level C Student Intensive](#) 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: 4 minimum

Class time: 9:00-9:50 am

Class level: 9-12

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

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.

Class code: KW1

Poetry: 6-9 / Period 6 / KW / 3T

This course covers 30 lessons about poetry over the three trimesters. You will be expected to have the homework completed each week, so that you will have time to practice writing during the class hour. The textbook is [The Grammar of Poetry](#) by Matt Whitling. This course covers the technical grammar of poetry while the class time will be spent writing and enjoying one another's poems. This course does offer a final exam as well. There will NOT be a grade issued for the poems, but the homework worksheets and the final will make up the grade for this course.

Class size: 4 minimum

Class time: 2:30 – 3:20 pm

Class level: 6-9

Taught by: Kathleen Williamson, registered IEW Instructor

Materials fee: none

Materials needed: text Pencils, erasers, pens, (fun colors, too!), a 3-ring notebook for keeping track of your poems, preferably one with inside pockets, **or** a folder, and a rhyming dictionary.

Class code: KW 6

GEOGRAPHY

Geography: 3-5 / Period 5 / SZ / 3T

Learning about Asia will be the focus this trimester. They will learn about the countries, land forms, industries, people of the regions, and famous landmarks. We will study Asia in sections: North, South West, South Central, and South East. Students should have access to an atlas. Students will have to research a country from each section of Asia and present it to the class. They should have access to an

atlas. This course will be graded.

Class size: 3 minimum

Class time: 1:30 – 2:20 pm

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: Pocket folder or binder, pencil, notebook paper

Class code: SZ5

History/U. S. Government

Modern History III: 5-8 / Period 3 / PW / 3T

This is the third of three courses that will provide an introductory survey of the modern 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, “In Living Memory,” will cover 1936 to the present. 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, and a final exam.

Class size: 8

Class time: 11:00-11:50

Class level: 5-8

Taught by: Dr. Peter J. Wallace

Materials fee: none

Materials needed: internet access

Class code: PW3

Modern History III/American History III – Modernity and Its Critics: 9-12 / Period 1 / PW / 3T

This is the third of three courses that will cover several classic works of modern history as part of a four-year sequence of college preparatory history classes. It is recommended that students also take the “Modern Literature III” course in order to understand the interplay of literature with other philosophical, religious, and cultural currents. 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, essay, and a final exam.

I strongly recommend that students take the second and third trimesters together – since the second trimester provides the bulk of the material that will be evaluated in the third trimester.

To facilitate class discussion, the following editions will be *required*:

1. John Dewey, *Experience and Education* (Touchstone, 1997) [1938]
<http://www.amazon.com/Experience-Education-John-Dewey/dp/0684838281/>
2. J. Gresham Machen, *Christianity and Liberalism* (1923 – any edition will do, since they are all reprints from the first edition)
3. Joseph Wood Krutch, *The Modern Temper* (Harcourt Brace & Co, 1929 – reprinted in 1957)
<http://www.amazon.com/Modern-Temper-Joseph-Wood-Krutch/dp/0156617579/>
4. Francis Schaeffer, *Trilogy* (Crossway, 1990) [1968]
<http://www.amazon.com/Francis-Schaeffer-Trilogy-Three-Essential/dp/0891075615/>
5. Coursepack (provided by the instructor)

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

- 1) 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/>

- 2) Garraty & McCaughey, *The American Nation* (sixth edition)

www.amazon.com/American-Nation-History-United-States/dp/0060423129/

(You are welcome to get newer editions, but since I use these editions, I will base my questions on the assumption that the student is familiar with what is in these versions.)

Class size: 8

Class time: 9:00-9:50

Class level: 9-12

Taught by: Dr. Peter J. Wallace

Materials fee: none

Materials needed: Books as listed above

Class code: PW1

Language

Spanish A: 7-8 / Period 4 / SD / 3T

This 3 trimester course is a gentle introduction to Spanish language, taught toward junior high level students. Recommended for 7th and 8th graders; other grade levels may be admitted upon instructor approval. The course focuses on vocabulary of everyday life, the present tense of verbs, and culture; listening, reading, writing, and speaking the language will be practiced. If taken in sequence with "Spanish B" next year, the two courses together are the equivalent of high school Spanish I, after

which students may enroll in Spanish II. Students must purchase a workbook, available online: [Spanish is Fun, Book 1, Fifth Edition](#)

Class size: 10

Class time: 12:30-1:20

Class level: 7-8

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD4

Spanish I Class and Lab: 8-12 / Periods 5 and 6 / SD / 3T

This is a 3 trimester course, the first year of high school Spanish. This course focuses on cognate vocabulary, proper pronunciation, vocabulary of family, school, everyday activities, professions, seasons, the calendar, weather, human body, 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 the text workbook, at

[Spanish is Fun, Book 1, Fifth Edition](#)

Class size: 10

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

Class level: 8-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD5 **AND** SD6

Spanish Conversation: 8-12 / Period 5 / SD/ 3T

Prerequisite: Spanish I and instructor approval. Conversation class is designed to reinforce the vocabulary and grammar of Spanish I without advancing into Spanish II materials. This 3-trimester course is useful for a student who wants to reinforce and expand conversation skills acquired in Spanish I, or gain more practice before entering the next level of Spanish instruction. Students will work through the text *Conversaciones Contigo*, checking their homework and taking a brief quiz weekly. Students will also participate in conversation activities with multi-level Spanish students in the language lab. Students must purchase the text workbook, available online: [Conversaciones Contigo](#)

Class size: 10

Class time: 1:30-2:20

Class level: 9-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD5

Spanish II Class and Lab: 9-12 / Periods 5 and 7 / SD / 3T

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 can be purchased through the publisher at [Spanish is Fun, Book 2](#) (softcover).

Students who take Spanish II and Spanish Lab are not charged for the Study Hall between them.

Class size: 10

Class time: 1:30-2:20 **AND** 3:30-4:20

Class level: 9-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD5 **AND** SD7

Advanced Spanish III/IV Class: 10-12 / Period 3 / SD / 3T

Prerequisite: Spanish II. This is a 3 trimester course, advanced high school Spanish. It is possible to enroll for this course 2 consecutive years. The coursework reviews and extends past grammar: present, past, future, conditional, and compound tenses. Vocabulary, conversation, reading and culture will also be emphasized. Field experience, volunteer activities in Spanish language settings in the community may be available. Class time will be devoted to vocabulary, grammar, reading, and conversation. Textbooks are available through publisher, Perfection Learning (AMSCO):

[Momentos Hispanos](#) (Spanish Reader)

<http://www.amscopub.com/viewProduct.php?productID=13444> (Spanish Workbook)

*Note there has been a change in edition since last year; contact instructor if workbook needed

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

Class size: 10

Class time: 11:00-11:50

Class level: 10-12

Taught by: Susan Daniels

Materials fee: none

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

Class code: SD3

Music

Music: K-3 / Period 4 / SZ / 3T

Along with becoming proficient in our basic knowledge of music, we will learn songs about America and focus on American composers. This course will not be graded.

Class size: 3 minimum

Class time: 12:30 – 1:20 pm

Class level: K - 3

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: pocket folder or binder, pencil

Class code: SZ4

Music: 3-8 / Period 3 / SZ / 3T

This course will help the student move beyond the basics in music. We will be learning to identify key signatures, intervals (written and aural), dictation (rhythms and melody) and continue sight reading. We will also be learning about American composers, patriotic and folk music. This course will not be graded.

Class size: 3 minimum

Class time: 11:00 – 11:50 am

Class level: 3-8

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: pocket folder or binder, pencil

Class code: SZ3

Science

Biology II: Human Anatomy and Physiology: 10-12 / Periods 2 and 3 / SAH / 3T

The third trimester of [Advanced Biology](#) comprises study of the major internal systems of the body. We will explore the circulatory, lymphatic, digestive, respiratory and urinary systems in turn. There will be readings from the text, and further study using the [Anatomy Coloring Book](#) by Kapit and Elson. At least two hours of homework will be assigned weekly, and will include experiments and coloring book exercises from the textbook. Mandatory dissections, microscopy, and module tests will be done in the Lab section of the class. Grades will be based on laboratory assignments and module tests.

Biology I is required, or permission of the teacher. We will ask permission from the parents to perform a fingerstick to obtain blood for the blood-typing experiment. This lab is *not* mandatory. **All students taking Biology II must take the Laboratory also.**

Class size: 12

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

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: 1st edition textbook (available through Amazon), coloring book, colored pencils, and notebook

Class code: SAH2 **AND** SAH3

Biology II Lab: 10-12 / Periods 2 and 3 / SAH / 3T

The third trimester of Advanced Biology Laboratory Section will conclude with dissections, especially of the heart, and microscope work. We will also perform the dissection of a fetal pig. Drawings will be made from the microscope work, and dissections performed under supervision. All module tests will be taken during the lab period. There will be further study using the Anatomy Coloring Book <http://www.amazon.com/Anatomy-Coloring-Book-Wynn-Kapit/dp/0805350861> by Kapit and Elson. **All students taking Biology II must take the Laboratory also.**

Class size: 12

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

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: 1st edition textbook (available through Amazon), coloring book, colored pencils, apron or large shirt (for dissections), and notebook

Class code: SAH2 **AND** SAH3

General Science: 6-8 / Period 5 / SAH / 3T

[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: 1:30 – 2:20 pm

Class level: 6-8

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: 2nd edition textbook (available through Amazon), binder

Class code: SAH5

Physical Science: 8-10 / Period 7 / SAH / 3T

The third trimester of [Exploring Creation with Physical Science, 2nd Edition](#) explores the four fundamental forces in creation, introduces the periodic table of the elements, and concludes with the nature of sound and light. There will be readings from the text, and from the Apologia website. Two hours of homework will be assigned weekly, and will include experiments from the textbook. Grades will be based on laboratory assignments and module tests. **Algebra is required.** Students will be required to have a notebook or folder for laboratory reports, and access to a computer for readings. *Parents are encouraged to check the Study Guide Questions in preparation for the module tests. An answer sheet will be given for this purpose.*

Class size: 12

Class time: 3:30-4:20

Class level: 8-10

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: 2nd edition textbook (available through Amazon), notebook

Class code: SAH7

Physics: 11-12 / Period 7 / MH / 3T

Physics is a three trimester course of High School introductory physics, based on the book [Exploring Creation with Physics, 2nd Edition](#) by Dr. Jay Wile. This class is designed to prepare the scholar for

university-level physics courses.

Please note that this book is set up for use over 32 weeks; our three trimesters have only thirty weeks, so there will be some acceleration (pun intended) in the material covered in the first trimester. Due to instructor's scheduling constraints, there will be no separate lab section.

Third Trimester: Optics, Electricity and Magnetism

The third trimester expands the study to cover how optical devices work, what electricity is and how it is used, and the basics of magnetism. The following topics are covered:

- Geometric optics
- Coulomb's Law
- The electric field
- Electric potential
- Capacitance
- Electric circuits
- Magnetism

Most class periods will have some experiment or demonstration of the material discussed.

Class size: minimum 3

Class time: 3:30-4:20

Class level: 11-12

Taught by: Mark Hanson

Materials fee: \$5

Prerequisites: Algebra 1 & 2 and introductory trigonometry (sine, cosine, tangent).

Materials needed: 2nd edition textbook (available through Amazon), notebook

Class code: MH7

Zoology 1: 3-5 / Period 1 / SAH / 3T

[Exploring Creation with Zoology I, Flying Creatures of the Fifth Day](#) will conclude with an in-depth 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: 9:00 – 9:50 am

Class level: 3-5

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook (available through Amazon), binder

Class code: SAH1

Study Hall

Study Hall: K-12 / Periods 1, 2, 3, 4, 5, 6, 7 / SH / 3T

This class is designed as a service for the parents. Monitored Study Hall is available at no additional charge to students who have signed up for *at least four other classes/labs*. If a student is enrolled in fewer than four classes/labs, then a \$25.00 fee per study hall per trimester is applicable. 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 four other Academy classes, or \$25.00 per trimester per study hall

Materials needed: Homework, drawing or reading material

Class code: see above