

Michiana Covenant Academy

Course Catalog

2014-2015

1st Trimester

Art

Art: K-2 / 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 North American Indian and Inuit art. Students will explore both two-dimensional and three-dimensional artwork. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 10

Class time: 12:30-1:20

Class level: K-2

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear

Class code: ND 4

Art: 3-5 / Period 3 / 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 Renaissance art and artists. Students will work with a wide range of media. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 12

Class time: 11:00-11:50

Class level: 3-5

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear

Class code: ND 3

Art: 6-8 / Period 5 / ND / 1T

This art class will focus on the techniques of Aegean, Greek and Etruscan art and artists. Students will work with a wide range of media to create original designs based on studied art. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 14

Class time: 1:30-2:20

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear, internet access will be useful

Class code: ND 5

Art: 9-12 / Period 7 / ND / 1T

This fine arts class will focus on Egyptian, Ancient Near East, Bronze and Iron Age art. Students will examine works of art and use the styles and techniques to create original works of their own. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 14

Class time: 3:30-4:20

Class level: 9-12

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear, internet access

Class code: ND 7

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 be drawing the human figure. We will focus on proportion, perspective and foreshortening. 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: 16

Class time: 10:00-10:50

Class level: 7-12

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: one 11" x 14" [drawing paper pad](#) (60lb minimum), 1 pencil each of 2B, 4B, 6B, 1 kneaded eraser, 1 white plastic eraser, one 3 pc set of [compressed charcoal](#) (2B, 4B, 6B)

Class code: ND 2

Geography

Eastern US Geography: 3-5 / Period 4 / SZ / 1T

Students will learn about the geography of the northeast and southeast United States. They will be responsible for learning where each state is located and how to spell the names of these states and capitols. They will also be required to do a project on a state in each of these regions and present it to the class. This course will be graded.

Class size: 8

Class time: 12:30-1:20

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: folder or binder

Class code: SZ 4

Grammar

Grammar 6: 5-7 / Period 7 / 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: 8

Class time: 3:30-4:20

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: KW 7

History

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

This is the first of three courses that will provide an introductory survey of the medieval 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, "From Rome to Holy Roman Empire, 476-962," will introduce students to the basic outline of early medieval history. The student's primary work will be learning how to use Wikipedia (and other 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

Medieval History I: 9-12 / Period 1 / PW / 1T

This is the first of three courses that will cover several classic works of medieval history as part of the second year of a four-year sequence of college preparatory history classes. The course dovetails with the "Medieval 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. To facilitate class discussion, the following editions will be *required*:

- 1) Gregory of Tours, The History of the Franks (Penguin Classics)

<http://www.amazon.com/A-History-Franks-Penguin-Classics/dp/0140442952/>

- 2) Two Lives of Charlemagne (Penguin Classics)

<http://www.amazon.com/gp/product/0140442138/>

- 3) Bede, Ecclesiastical History (Oxford World's Classics)

<http://www.amazon.com/Ecclesiastical-History-English-Chronicle-Classics/dp/0199537232/>

- 4) The Anglo-Saxon Chronicle [Ingram translation]

<http://www.amazon.com/Anglo-Saxon-Chronicle-King-Alfred-Great/dp/1493651072/>

<http://www.amazon.com/Anglo-Saxon-Chronicle-Illustrated-Annotated-History/dp/178158043X/>

[These are two different versions of the same translation]

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

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

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

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

Class size: 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 is a 3 trimester course; an 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 will purchase a workbook, available online: [*Spanish is Fun, Book 1, Fourth Edition*](#)

Class size: 8

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: SD 4

Spanish I Class and Lab: 8-12 / Periods 2 and 5 / SD / 1T

This is a 3 trimester course, the first year of high school Spanish. The first trimester focuses on cognate vocabulary, proper pronunciation, vocabulary of family, school, everyday activities, the present tense of verbs, and culture. Listening, reading, writing, and speaking the language will be practiced. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Students will purchase a workbook, at

<http://www.amscopub.com/viewProduct.php?productID=1343701>

Class size: 10

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

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: SD 2 **AND** SD 5

Spanish II Class and Lab: 9-12 / Periods 2 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 is available through the publisher at

<http://www.amscopub.com/viewProduct.php?productID=1345301>

Class size: 10

Class time: 10:00-10:50 **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: SD 2 **AND** SD 7

Advanced Spanish III/IV Class and Lab: 10-12 / Periods 2 and 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. Field experience, volunteer activities in Spanish language settings in the community may be available. The coursework reviews and extends past grammar: present, past, future, conditional, and compound tenses. Vocabulary, conversation, reading and culture will also be emphasized. Lab time will consist of homework

review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Textbooks are:

Momentos Hispanos (AMSCO)

<http://www.amscopub.com/viewProduct.php?productID=1358101>

Spanish Three Years Workbook (AMSCO Publications)

<http://www.amscopub.com/viewProduct.php?productID=13444>

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

Class size: 8

Class time: 10:00-10:50 **AND** 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: SD 2 **AND** SD 3

Literature

Elementary Literature I: 3-5 / Period 1 / SZ / 1T

Students will be delving into historical fiction literature. *Nory Ryan's Song* is a gritty story about the potato famine of Ireland which took place from 1845-1852. *Indian Captive* tells the story of Mary Memison, a young girl captured by Seneca Indians from her family's farm in eastern Pennsylvania. Our third book, *Out of the Dust*, depicts what life was like for those living through the dust bowl in the US in the 1930's. The structure of the novel is unusual in that the plot is advanced entirely through a series of first-person free verse poems. There are weekly reading assignments, quizzes, homework assignments, and small projects due throughout the trimester. This class will be graded.

Class size: 8

Class time: 9:00-9:50

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: folder or binder, *Nory Ryan's Song* by Patricia Riley Giff, *Indian Captive* by Lois Lenski, and *Out of the Dust* by Karen Hesse

Class code: SZ 1

Junior High Literature I: 6-8 / Period 1 / ND / 1T

The goal of this class is to help intermediate students develop their ability to read critically. In this first trimester students will put their detective skills to use as they learn about the genre of mystery and suspense. Students will read a wide variety of mysteries including: [Murder on the Orient Express](#) by Agatha Christie, [The Thirty-Nine Steps](#) by John Buchan, and short mysteries by Herodotus, Sir Arthur Conan Doyle, Dorothy Sayers, Roald Dahl, and selections by Edgar Allan Poe. There are only two books to purchase for this class; all other readings are included in the course handbook. 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 will be about 100 pages per week.

Class size: 10

Class time: 9:00-9:50

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: none

Materials needed: The two books listed above, any complete edition. 3 ring binder for course packet, and paper for taking notes. Internet access will be helpful.

Class code: ND 1

Medieval Literature I: 9-12 / Period 4 / AD / 1T

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

Snorri Sturluson, *The Prose Edda* (Penguin Classics Edition) [amzn.to/1pdM1oF](https://www.amazon.com/dp/0140439369)

Beowulf (Seamus Heaney translation) [amzn.to/1xzO495](https://www.amazon.com/dp/0192804291)

The Mabinogion (Oxford World's Classics edition) [amzn.to/1pXDiao](https://www.amazon.com/dp/0140439369)

Chrétien de Troyes, *Arthurian Romances* (Penguin Classics edition) [amzn.to/Up7ApO](https://www.amazon.com/dp/0140439369)

The following texts will be provided in PDF:

J.R.R. Tolkien, "Beowulf: The Monsters and the Critics"

Selections from C.S. Lewis, *The Discarded Image*

Selected Anglo-Saxon poetry

Selections from *The Poetic Edda*

Selections from the Nowell Codex related to the *Beowulf* manuscript

Selections related to the Matter of Britain (Arthurian legend)

Class size: 5

Class time: 12:30-1:20

Class level: 9-12

Taught by: Dr. A. B. Deliyannides

Materials fee: none

Materials needed: books as noted above

Class code: AD 4

Logic

Logic: 9-12 / Period 3 / 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: 10

Class time: 11:00-11:50

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 3

Music

Music: K-3 / Period 5 / SZ / 1T

The students will begin to learn basic music symbols and how to use them actively through movement and games. Students will discover what drove composers such as Bach, Mozart, and Handel by listening to stories about their lives. Students will also be singing a variety of children's songs and applying the music terms they are learning to the songs.

Class size: 8
Class time: 1:30-2:20
Class level: K-3
Taught by: Sandra Zylstra
Materials fee: none
Materials needed:
Class code: SZ 5

Recorder: 3-8 / Period 2 / SZ / 1T

Students will learn how to play the recorder as individuals and focus on how to stay together as a group. This is a great way to start a student reading music if they are interested in playing an instrument! No previous music reading experience is necessary. Students will need to purchase their own recorder and book, and a portable music stand would be very helpful. The book includes a CD so the student can listen and play as they practice at home during the week. There will also be various handouts and activities to help the student learn the recorder and music.

Class size: 10
Class time: 10:00-10:50
Class level: 3-8
Taught by: Sandra Zylstra
Materials fee: none
Materials needed: Materials needed: [Basix Recorder Method by: Morty Manus](#), [Soprano recorder](#)
Class code: SZ 2

Music History: 9-12, (exceptions may be made at discretion of the teacher) / Period 6 / MD / 1T

This is a foundation music class that will focus on how music speaks, and how musical speech has developed over time, beginning in the ancient world up through the modern age. There are no required prerequisites. *Students will be required to attend one performance of classical music on the Notre Dame campus during the year, which will be the only required expense (\$10-\$20).* All other expenses are optional (i.e. if the student wishes to purchase CDs, a study score, etc...) Required scores will be provided by public domain, for which students must have a free Spotify account, usually via Facebook, which has all the recordings. This class is not high-power and overwhelming. It will place emphasis upon the contemplation of the beautiful. It will also make an effort to create overlap and connections with History 9-12 and Literature 9-12. Homework will consist of simply listening to music, with an attentive ear and open heart. One term paper will be required, of any length the student desires.

Class size: 10

Class time: 2:30-3:20
Class level: 9-12
Taught by: Michael Duryea
Materials fee: none
Materials needed: Spotify account
Class code: MD 6

Science

Astronomy: 6-8 / Period 6 / SAH / 1T

This class introduces Classical Astronomy, emphasizing the visual observation of the cycles of the Sun, Moon and stars with the unaided eye. We will learn useful and practical skills, such as how to tell time without a clock, and how to navigate by the sky. Our focus for first trimester is the Ecliptic, the Fall Sky, The Lunar calendar, and the Sun. We will also study Modern Astronomy and Meteorology in later sessions. For the first trimester, we will be using Jay Ryan's book, [Signs and Seasons](#), as our main textbook. **This will be available for a rental fee of \$3.** Homework will include research on the web, and periods of observation of the night sky. Grades will be based on homework assignments, class discussions and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Students will need a folder or notebook for handouts.

Class size: 12
Class time: 2:30-3:20
Class level: 6-8
Taught by: Sally Hanson
Materials fee: none
Materials needed: both textbooks, notebook
Class code: SAH 6

Biology II: Human Anatomy and Physiology: 10-12 / Periods 3 and 5 / 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: 11:00-11:50 **AND** 1:30-2:20

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook (original edition), coloring book, colored pencils, and notebook

Class code: SAH 3 **AND** SAH 5

Biology II Lab: 10-12 / Periods 3 and 5 / 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: 11:00-11:50 **AND** 1:30-2:20

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook, coloring book, colored pencils, apron or large shirt (for dissections), and notebook

Class code: SAH 3 **AND** SAH 5

Marine Biology: 10-12 / Period 1 / SAH / 1T

[Exploring Creation with Marine Biology](#) concentrates on marine wildlife and marine habitats. It provides a survey of members of each biological kingdom that live in marine environments. The student will learn about the microscopic organisms that make life in the ocean possible, including details about their interesting habits and life cycles. The student will also learn about the anatomy of many macroscopic marine creatures such as clams, starfish, and sharks. They will then learn how these creatures and their physical surroundings form marine ecosystems such as intertidal zones, estuaries, coral reefs, continental shelf communities, epipelagic communities, and deep-ocean communities. The course ends with a study of marine resources and our relationship with the sea.

Class size: 12

Class time: 9:00-9:50

Class level: 10-12

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: textbook, notebook

Class code: SAH 1

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: textbook, notebook

Class code: SAH 7

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: 8

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: textbook, notebook

Class code: MH 7

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

[Exploring Creation with Zoology 2: Swimming Creatures of the Fifth Day](#) is the second year of introductory Zoology, with an emphasis on Aquatic Animals. The first trimester introduces us to the ocean, its makeup and habitats. We will study whales, seals, and reptiles, and their relatives. 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. We will also be building an Ocean Box, to show each creature we study and where in the ocean it lives! The Ocean Box will be worked on continuously during the year, and will be put on display at the Open House at the end of the year. Grades will be based on homework assignments and chapter tests. Students will need a notebook for handouts and lab work.

Class size: 12

Class time: 10:00-10:50

Class level: 3-5

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook, notebook

Class code: SAH 2

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

Writing

Poetry: 7-10 / Period 4 / 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: 10

Class time: 12:30-1:20

Class level: 7-10

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 4

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 5 / 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: 5 minimum

Class time: 1:30-2:20

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 5

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: 5 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 6 / 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: 5 minimum

Class time: 2:30-3:20

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 6

Michiana Covenant Academy

Course Catalog

2014-2015

2nd Trimester

Art

Art: K-2 / 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 Romanticism and Realism art and artists. Students will work with a wide variety of media. 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

Class level: K-2

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear

Class code: ND 4

Art: 3-5 / Period 3 / 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 Rococo and Neoclassicism art and artists. Students will explore both two-dimensional and three-dimensional artwork. 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

Class level: 3-5

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear

Class code: ND 3

Art: 6-8 / Period 5 / ND / 2T

This second trimester students will learn about the Mannerism and late Renaissance art and artist. Students will work with a wide range of media as they study the art and artists. 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: 14

Class time: 1:30-2:20

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear, internet access will be useful

Class code: ND 5

Art: 9-12 / Period 7 / ND / 2T

This fine arts class will focus on Abstract, Dada and Surrealism art and artists. Students will examine works of art and use the styles and techniques to create original works of their own. 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: 14

Class time: 3:30-4:20

Class level: 9-12

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear, internet access

Class code: ND 7

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 portraiture. Students will need access to a camera (a cell phone will work). 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: 16

Class time: 10:00-10:50

Class level: 7-12

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: one 9" x 12" spiral pad of drawing paper (60lb minimum), 1 pencil each of 2B, 4B, HB, 2H, 4H, 1 kneaded eraser, 1 white plastic eraser, 1 [eraser shield](#)

Class code: ND 2

Geography

Western US Geography: 3-5 / Period 4 / SZ / 2T

Students will learn about the geography of the midwestern and western United States. They will be responsible for learning where each state is located and how to spell the names of these states and capitols. They will also be required to do a project on a state in each of these regions and present it to the class. This course will be graded.

Class size: 8

Class time: 12:30-1:20

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: folder or binder

Class code: SZ 4

Grammar

Grammar 6: 5-7 / Period 7 / 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: 8

Class time: 3:30-4:20

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: KW 7

History

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

This is the second of three courses that will provide an introductory survey of the medieval 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 High Middle Ages, 962-1300," will introduce students to the basic outline of high medieval history. The student's primary work will be learning how to use Wikipedia (and other 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

Medieval History II: 9-12 / Period 1 / PW / 2T

This is the second of three courses that will cover several classic works of medieval history as part of the second year of a four-year sequence of college preparatory history classes. The course dovetails with the "Medieval Literature II" course in order to help students understand the interplay of literature, politics, religion, and culture. The instructors of the two courses confer regularly in order to help students connect history and literature within a Christian worldview. The final grade will be based on class participation, completion of study questions, essay, and a final exam. To facilitate class discussion, the following editions will be *required*:

Abelard, Bernard & Papacy (coursepack)

Chronicles of the Crusades (Penguin Classics)

<http://www.amazon.com/Chronicles-Crusades-Penguin-Classics-Joinville/dp/0140441247>

Mandeville, Travel to the East (Penguin Classics – reprinted by Dover)

<http://www.amazon.com/Travels-Sir-John-Mandeville-14th-Century/dp/0486443787/>

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

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

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

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

Class size: 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 / 2T

This is a 3 trimester course; an 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 will purchase a workbook, available online: [*Spanish is Fun, Book 1, Fourth Edition*](#)

Class size: 8

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: SD 4

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

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

<http://www.amscopub.com/viewProduct.php?productID=1343701>

Class size: 10

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

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: SD 2 **AND** SD 5

Spanish II Class and Lab: 9-12 / Periods 2 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 is available through the publisher at

<http://www.amscopub.com/viewProduct.php?productID=1345301>

Class size: 10

Class time: 10:00-10:50 **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: SD 2 **AND** SD 7

Advanced Spanish III/IV Class and Lab: 10-12 / Periods 2 and 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. Field experience, volunteer activities in Spanish language settings in the community may be available. The coursework reviews and

extends past grammar: present, past, future, conditional, and compound tenses. Vocabulary, conversation, reading and culture will also be emphasized. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Textbooks are:

Momentos Hispanos (AMSCO)

<http://www.amscopub.com/viewProduct.php?productID=1358101>

Spanish Three Years Workbook (AMSCO Publications)

<http://www.amscopub.com/viewProduct.php?productID=13444>

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

Class size: 8

Class time: 10:00-10:50 **AND** 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: SD 2 **AND** SD 3

Literature

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

Students will be studying about black Americans and race through literature. *Bud, Not Buddy* and *Maniac Magee* are both Newberry books that deal with racial issues in such a way that children can absorb what has gone on throughout history. Students will also be reading short biographies of the lives of famous black Americans. There are weekly reading assignments, quizzes, homework assignments, and small projects due throughout the trimester. This class will be graded.

Class size: 8

Class time: 9:00-9:50

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee:

Materials needed: folder or binder, *Bud, Not Buddy* by Christopher Paul Curtis, *Maniac Magee* by Jerry Spinelli

Class code: SZ 1

Junior High Literature II: 6-8 / Period 1 / ND / 2T

The goal of this class is to help intermediate students understand how literature creates alternate worlds to better understand our own. To lay the groundwork, we will start with J.R.R. Tolkien's *On Fairy-Stories* in the course handbook. In this second trimester students will read four novels about alternate worlds: [Alice's Adventures in Wonderland](#) by Lewis Carroll, [A Connecticut Yankee in King Arthur's Court](#) by Mark Twain, [The Phantom Tollbooth](#) by Norton Juster and [A Wrinkle in Time](#) by Madeline L'Engle. 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 125 pages per week.

Class size: 10

Class time: 9:00-9:50

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: none

Materials needed: The books listed above, any complete edition. 3 ring binder for course packet, and paper for taking notes. Internet access will be helpful.

Class code: ND 1

Medieval Literature II: 9-12 / Period 4 / AD / 2T

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

Guillaume de Lorris & Jean de Meun, *The Romance of the Rose* (Oxford World's Classics edition) [amzn.to/1hKFzDr](https://www.amazon.com/dp/0192825222)

Dante Alighieri, *La Vita Nuova* (Oxford World's Classics edition) [amzn.to/1nuOS9Q](https://www.amazon.com/dp/0192825222)

Dante Alighieri, *Inferno* (Penguin Classics edition) [amzn.to/1myZMrT](https://www.amazon.com/dp/0192825222)

Dante Alighieri, *Purgatorio* (Penguin Classics edition) [amzn.to/1pxGmaM](https://www.amazon.com/dp/0192825222)

Dante Alighieri, *Paradiso* (Penguin Classics edition) [amzn.to/1jgLDOQ](https://www.amazon.com/dp/0192825222)

The following texts will be provided in PDF:

Selections from Marie de France, *Lais*

Selected "courtly love" poetry of the troubadours

Selections from C.S. Lewis, *The Discarded Image* and *The Allegory of Love*

Dante Alighieri, "Letter to Can Grande"

Selected sonnets of Petrarch

Selections from Christine de Pizan on *The Romance of the Rose*

Class size: 5

Class time: 12:30-1:20

Class level: 9-12

Taught by: Dr. A. B. Deliyannides

Materials fee: none

Materials needed: books as noted above

Class code: AD4

Logic

Logic: 9-12 / Period 3 / 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: 10

Class time: 11:00-11:50

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 3

Music

Music: K-3 / Period 5 / SZ / 2T

Students will be adding more music terms to their musical knowledge through activities and games. The composers we will explore during this trimester are Beethoven, Brahms, and Tchaikovsky. Students will be learning even more children's songs and applying the new musical terms they are learning to them.

Class size: 8

Class time: 1:30-2:20

Class level: K-3

Taught by: Sandra Zylstra

Materials fee: none

Materials needed:

Class code: SZ 5

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

Students will continue through the recorder book and learning how to read handouts. Activities will help the student learn the techniques of playing the recorder and of reading and playing music. We will continue to study playing music as a group. Students may start in this trimester only with consent of instructor.

Class size: 10

Class time: 10:00-10:50

Class level: 3-8

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: Materials needed: [Basix Recorder Method by: Morty Manus](#), [Soprano recorder](#)

Class code: SZ 2

Music History: 9-12, (exceptions may be made at discretion of the teacher) / Period 6 / MD / 2T

This is a foundation music class that will focus on how music speaks, and how musical speech has developed over time, beginning in the ancient world up through the modern age. There are no required prerequisites. *Students will be required to attend one performance of classical music on the Notre Dame campus during the year, which will be the only required expense (\$10-\$20).* All other expenses are optional (i.e. if the student wishes to purchase CDs, a study score, etc...) Required scores will be provided by public domain, for which students must have a free Spotify account, usually via Facebook, which has all the recordings. This class is not high-power and overwhelming. It will place emphasis upon the contemplation of the beautiful. It will also make an effort to create overlap and connections with History 9-12 and Literature 9-12. Homework will consist of simply listening to music, with an attentive ear and open heart. One term paper will be required, of any length the student desires.

Class size: 10
Class time: 2:30-3:20
Class level: 9-12
Taught by: Michael Duryea
Materials fee: none
Materials needed: Spotify account
Class code: MD 6

Science

Astronomy: 6-8 / Period 6 / SAH / 2T

This class continues the exploration of Classical Astronomy, emphasizing the visual observation of the cycles of the Sun, Moon and stars with the unaided eye, Modern Astronomy and Meteorology. Second Trimester work concentrates on an in-depth study of the planets, using [Exploring Creation with Astronomy](#) as the main textbook. Homework will include research on the web, and periods of observation of the night sky. Grades will be based on homework assignments, class discussions and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Students will need a folder or notebook for handouts.

Class size: 12
Class time: 2:30-3:20
Class level: 6-8
Taught by: Sally Hanson
Materials fee: none
Materials needed: both textbooks, notebook
Class code: SAH 6

Biology II: Human Anatomy and Physiology: 10-12 / Periods 3 and 5 / 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: 11:00-11:50 **AND** 1:30-2:20

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook (original edition), coloring book, colored pencils, and notebook

Class code: SAH 3 **AND** SAH 5

Biology II Lab: 10-12 / Periods 3 and 5 / 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 by Kapit and Elson. **All students taking Biology II must take the Laboratory also.**

Class size: 12

Class time: 11:00-11:50 **AND** 1:30-2:20

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook, coloring book, colored pencils, apron or large shirt (for dissections), and notebook

Class code: SAH 3 **AND** SAH 5

Marine Biology: 10-12 / Period 1 / SAH / 2T

[Exploring Creation with Marine Biology](#) concentrates on marine wildlife and marine habitats. It provides a survey of members of each biological kingdom that live in marine environments. The student will learn about the microscopic organisms that make life in the ocean possible, including details about their interesting habits and life cycles. The student will also learn about the anatomy of many macroscopic marine creatures such as clams, starfish, and sharks. They will then learn how these creatures and their physical surroundings form marine ecosystems such as intertidal zones, estuaries, coral reefs, continental shelf communities, epipelagic communities, and deep-ocean communities. The course ends with a study of marine resources and our relationship with the sea.

Class size: 12

Class time: 9:00-9:50

Class level: 10-12

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: textbook, notebook

Class code: SAH 1

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: textbook, notebook

Class code: SAH 7

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: 8

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: textbook, notebook

Class code: MH 7

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

[Exploring Creation with Zoology 2: Swimming Creatures of the Fifth Day](#). The second trimester of Zoology 2 continues with the study of bony fish, sharks, crustaceans, cephalopods and mollusks. We will add creatures to our Ocean Box every week, for the Open House. 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: 12

Class time: 10:00-10:50

Class level: 3-5

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook, notebook

Class code: SAH 2

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

Writing

Poetry: 7-10 / Period 4 / 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: 10

Class time: 12:30-1:20

Class level: 7-10

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 4

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 5 / 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: 5 minimum

Class time: 1:30-2:20

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 5

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: 5 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 6 / 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: 5 minimum

Class time: 2:30-3:20

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 6

Michiana Covenant Academy

Course Catalog

2014-2015

3rd Trimester

Art

Art: K-2 / Period 4 / 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 Symbolism and Art Nouveau art and artists. Students will explore both two-dimensional and three-dimensional artwork. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 10

Class time: 12:30-1:20

Class level: K-2

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear

Class code: ND 4

Art: 3-5 / Period 3 / 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 Post-Impressionism art and artists. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 12

Class time: 11:00-11:50

Class level: 3-5

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear

Class code: ND 3

Art: 6-8 / Period 5 / ND / 3T

This third trimester students will learn about Fauvism, Expressionism, Cubism and Futurism art and artists. Students will work with a wide range of media as they study the art and artists. All artwork will remain in class until the last class when students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 14

Class time: 1:30-2:20

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear, internet access will be useful

Class code: ND 5

Art: 9-12 / Period 7 / ND / 3T

This fine arts class will focus on art and artists from the 1950's to the present. Students will examine works of art and use the styles and techniques to create original works of their own. A syllabus will be sent home with supplementary information about the styles, techniques and history of what we discuss in class. All artwork will remain in class until the last class when

students can take their portfolios home. Students will need to wear old clothing or an apron as some supplies will not wash out of clothing. All art materials will be supplied; there is a \$5.00 material fee. There may be an optional museum tour scheduled during the trimester.

Class size: 14

Class time: 3:30-4:20

Class level: 9-12

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: An art apron to wear, internet access

Class code: ND 7

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

Students will use the five basic elements of shape and focus on composition. This third trimester students will rework their own drawing by focusing on how to structure and compose their own 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: 16

Class time: 10:00-10:50

Class level: 7-12

Taught by: Ninette Deliyannides

Materials fee: \$5 per student

Materials needed: one 9" x 12" spiral pad of drawing paper (60lb minimum), 1 pencil each of 2B, 4B, HB, 2H, 1 kneaded eraser, 1 white plastic eraser, 1 ruler and 1 triangle ruler with both a 90° and 45° angle.

Class code: ND 2

Geography

Indiana Geography: 3-5 / Period 4 / SZ / 3T

Students will learn about the compelling history of Indiana. We will begin to study map skills, including the compass rose, latitude, longitude, the map key, and more. Students will be responsible for completing an Indiana State Notebook and completing handouts having to do with map skills. This course will be graded.

Class size: 8

Class time: 12:30-1:20

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: folder or binder
Class code: SZ 4

Grammar

Grammar 6: 5-7 / Period 7 / 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: 8

Class time: 3:30-4:20

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: KW 7

History

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

This is the third of three courses that will provide an introductory survey of the medieval 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 Late Middle Ages, 1300-1492," will introduce students to the basic outline of late medieval history. The student's primary work will be learning how to use Wikipedia (and other 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: folder or binder, internet access

Class code: PW 3

Medieval History III: 9-12 / Period 1 / PW / 3T

This is the third of three courses that will cover several classic works of medieval history as part of the second year of a four-year sequence of college preparatory history classes. The course dovetails with the "Medieval Literature III" course in order to help students understand the interplay of literature, politics, religion, and culture. The instructors of the two courses confer regularly in order to help students connect history and literature within a Christian worldview. The final grade will be based on class participation, completion of study questions, essay, and a final exam. To facilitate class discussion, the following editions will be *required*:

The Book of Margery Kempe (Norton Critical Edition)

<http://www.amazon.com/Margery-Kempe-Norton-Critical-Editions/dp/0393976394/>

Religion and politics, 1300-1550 (coursepack)

Luther & Erasmus, Free Will and Salvation

<http://www.amazon.com/Luther-Erasmus-Salvation-Christian-Westminster/dp/0664241581>

Calvin & Sadoletto, Reformation Debate

<http://www.amazon.com/Reformation-Debate-John-Calvin/dp/0801023904/>

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

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

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

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

Class size: 8

Class time: 9:00-9:50

Class level: 9-12

Taught by: Dr. Peter J. Wallace

Materials fee: none

Materials needed: folder or binder, books as listed above

Class code: PW 1

Language

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

This is a 3 trimester course; an 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 will purchase a workbook, available online: [Spanish is Fun, Book 1, Fourth Edition](#)

Class size: 8

Class time: 12:30-1:20

Class level: 7th - 8th

Taught by: Susan Daniels

Materials fee: none

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

Class code: SW 4

Spanish I Class and Lab: 8-12 / Periods 2 and 5 / SD / 3T

This is a 3 trimester course, the first year of high school Spanish. The third trimester focuses on vocabulary of house, home, human body, food, school subjects, animals, present tense irregular verbs, introductions to the preterit tense of verbs, and culture. Listening, reading, writing, and speaking the language will be practiced. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Students will purchase a workbook, at

<http://www.amscopub.com/viewProduct.php?productID=1343701>

Class size: 10

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

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: SD 2 **AND** SD 5

Spanish II Class and Lab: 9-12 / Periods 2 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 is available through the publisher at

<http://www.amscopub.com/viewProduct.php?productID=1345301>

Class size: 10

Class time: 10:00-10:50 **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: SD 2 **AND** SD 7

Advanced Spanish III/IV Class and Lab: 10-12 / Periods 2 and 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. Field experience, volunteer activities in Spanish language settings in the community may be available. The coursework reviews and extends past grammar: present, past, future, conditional, and compound tenses. Vocabulary, conversation, reading and culture will also be emphasized. Lab time will consist of homework review, testing, and conversation, while class time will be devoted to vocabulary, grammar and reading. Textbooks are:

Momentos Hispanos (AMSCO)

<http://www.amscopub.com/viewProduct.php?productID=1358101>

Spanish Three Years Workbook (AMSCO Publications)

<http://www.amscopub.com/viewProduct.php?productID=13444>

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

Class size: 8

Class time: 10:00-10:50 **AND** 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: SD 2 **AND** SD 3

Literature

Elementary Literature III: 3-5 / Period 1 / SZ / 3T

Students will be studying US historical fiction literature and biographies. *Joshua's Song* tells the story of a paper boy in Boston in 1919. *Four Great Americans* is an engaging introduction to four of the greatest Americans-George Washington, Benjamin Franklin, Daniel Webster, and

Abraham Lincoln. The third book of this trimester is *Great Inventors and Their Inventions* by Frank P. Bachman. The story of each invention is interwoven with that of the life of its inventor. There are weekly reading assignments, quizzes, homework assignments, and small projects due throughout the trimester. This class will be graded.

Class size: 8

Class time: 9:00-9:50

Class level: 3-5

Taught by: Sandra Zylstra

Materials fee:

Materials needed: folder or binder, Joshua's Song by Joan Hiatt Harlow, [Four Great Americans by James Baldwin](#), [Great Inventors and Their Inventions by Frank P. Bachman](#)

Class code: SZ 1

Junior High Literature III: 6-8 / Period 1 / ND / 3T

As a follow-up to the second trimester course on alternate worlds, the topic of this third trimester will be utopias and dystopias. The course will be organized around the question "What makes a good society?" The reading load will be about 100-150 pages per week. We will read [The Giver](#) by Lois Lowry, [Animal Farm](#) by George Orwell, [Fahrenheit 451](#) by Ray Bradbury, [The Coral Island](#) by R.M. Ballantyne and [Lord of the Flies](#) by William Golding. We will approach the literature within a Christian worldview. The final grade will be based on class participation, study questions, weekly quizzes, an essay, and the final exam.

Class size: 10

Class time: 9:00-9:50

Class level: 6-8

Taught by: Ninette Deliyannides

Materials fee:

Materials needed: The books listed above, any complete edition, 3 ring binder for course packet (to be handed out in class), and paper for taking notes. Internet access will be helpful.

Class code: ND 1

Medieval Literature III: 9-12 / Period 4 / AD / 3T

This is the third of three courses that will cover several classic works of medieval literature as part of the second year of a four-year sequence of college-preparatory literature courses. The course dovetails with the "Medieval History III" course in order to help students understand the interplay of literature, politics, religion, and culture. The instructors of the two courses confer regularly in order to help students connect history and literature within a Christian worldview. The final grade will be based on class participation, completion of study questions, weekly quizzes, one essay, and a final exam. To facilitate class discussion, the following editions will be required:

Sir Gawain and the Green Knight, Patience, Pearl (Boroff translation) [amzn.to/1pXPTdJ](https://www.amazon.com/dp/B000APCZ04)

William Langland, *Piers Plowman* (Oxford World's Classics edition) [amzn.to/Updd7e](https://www.amazon.com/dp/0192826291)

Geoffrey Chaucer, *The Canterbury Tales* (Oxford World's Classics edition) [amzn.to/1mz39PA](https://www.amazon.com/dp/0192826291)

Class size: 5

Class time: 12:30-1:20

Class level: 9-12

Taught by: Dr. A. B. Deliyannides

Materials fee: none

Materials needed: books as noted above

Class code: AD 4

Logic

Logic: 9-12 / Period 3 / 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: 10

Class time: 11:00-11:50

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 3

Music

Music: K-3 / Period 5 / SZ / 3T

Learning about the wide variety of musical instruments will be the focus of the 3rd trimester. Students will be listening to and doing activities associated with the musical story of “Peter and the Wolf”. They will be building up the idea of their own personal orchestra, as they study through the various instrument families.

Class size: 8

Class time: 1:30-2:20

Class level: K-3

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: none

Class code: SZ 5

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

Students will continue working through the recorder book and learning how to read music individually and playing together as a group. There will also be various handouts and activities to help the student learn the recorder and music. Student may start in this trimester only with consent of instructor.

Class size: 10

Class time: 10:00-10:50

Class level: 3-8

Taught by: Sandra Zylstra

Materials fee: none

Materials needed: Materials needed: [Basix Recorder Method by: Morty Manus](#), [Soprano recorder](#)

Class code: SZ 2

Music History: 9-12, (exceptions may be made at discretion of the teacher) / Period 6 / MD / 3T

This is a foundation music class that will focus on how music speaks, and how musical speech has developed over time, beginning in the ancient world up through the modern age. There are no required prerequisites. *Students will be required to attend one performance of classical music on the Notre Dame campus during the year, which will be the only required expense (\$10-\$20).* All other expenses are optional (i.e. if the student wishes to purchase CDs, a study score, etc...) Required scores will be provided by public domain, for which students must have a free Spotify account, usually via Facebook, which has all the recordings. This class is not high-power and overwhelming. It will place emphasis upon the contemplation of the beautiful. It will also make an effort to create overlap and connections with History 9-12 and Literature 9-12. Homework will consist of simply listening to music, with an attentive ear and open heart. One term paper will be required, of any length the student desires.

Class size: 10
Class time: 2:30-3:20
Class level: 9-12
Taught by: Michael Duryea
Materials fee: none
Materials needed: Spotify account
Class code: MD 6

Science

Astronomy: 6-8 / Period 6 / SAH / 3T

[Exploring Creation with Astronomy](#) is an introduction to the fascinating world of Astronomy. This class concludes our exploration of Classical Astronomy, Modern Astronomy and Meteorology. Third Trimester will cover the Kuiper Belt and galaxies, the Southern Sky and the Milky Way. We will have a variety of hand-made volvelles to take home, to continue our studies of the sky. Homework will include research on the web, and periods of observation of the night sky. Grades will be based on homework assignments, class discussions and chapter tests. Students will need internet access for reading assignments, research, homework and tests. Students will need a folder or notebook for handouts.

Class size: 12
Class time: 2:30-3:20
Class level: 6-8
Taught by: Sally Hanson
Materials fee: none
Materials needed: both textbooks, notebook
Class code: SAH 6

Biology II: Human Anatomy and Physiology: 10-12 / Periods 3 and 5 / 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: 11:00-11:50 **AND** 1:30-2:20
Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook (original edition), coloring book, colored pencils, and notebook

Class code: SAH 3 **AND** SAH 5

Biology II Lab: 10-12 / Periods 3 and 5 / 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 a 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 by Kapit and Elson. **All students taking Biology II must take the Laboratory also.**

Class size: 12

Class time: 11:00-11:50 **AND** 1:30-2:20

Class level: 10-12

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook, coloring book, colored pencils, apron or large shirt (for dissections), and notebook

Class code: SAH 3 **AND** SAH 5

Marine Biology: 10-12 / Period 1 / SAH / 3T

[Exploring Creation with Marine Biology](#) concentrates on marine wildlife and marine habitats. It provides a survey of members of each biological kingdom that live in marine environments. The student will learn about the microscopic organisms that make life in the ocean possible, including details about their interesting habits and life cycles. The student will also learn about the anatomy of many macroscopic marine creatures such as clams, starfish, and sharks. They will then learn how these creatures and their physical surroundings form marine ecosystems such as intertidal zones, estuaries, coral reefs, continental shelf communities, epipelagic communities, and deep-ocean communities. The course ends with a study of marine resources and our relationship with the sea.

Class size: 12

Class time: 9:00-9:50

Class level: 10-12

Taught by: Sally Hanson

Materials fee: \$5

Materials needed: textbook, notebook

Class code: SAH 1

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: textbook, notebook

Class code: SAH 7

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: 8

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: textbook, notebook

Class code: MH 7

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

[Exploring Creation with Zoology 2: Swimming Creatures of the Fifth Day](#) concludes with an in-depth study of echinoderms, cnidarians and sponges. The Ocean Box will be completed. A field trip to the Shedd Aquarium in Chicago will be offered, but is not required for the class. 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: 12

Class time: 10:00-10:50

Class level: 3-5

Taught by: Sally Hanson

Materials fee: none

Materials needed: textbook, notebook

Class code: SAH 2

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

Writing

Poetry: 7-10 / Period 4 / 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: 10

Class time: 12:30-1:20

Class level: 7-10

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 4

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 5 / 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: 5 minimum

Class time: 1:30-2:20

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 5

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: 5 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 6 / 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: 5 minimum

Class time: 2:30-3:20

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 6