

# SETON SCHOOL

## 2023 - 2024 COURSE CATALOG



### Mission Statement:

Seton Junior-Senior High School is an accredited, private, co-educational school operated by Catholic laymen dedicated to promoting the established tradition of Catholic liberal arts education. By the grace of God and in cooperation with our parents, the primary educators of their children, the faculty and staff of Seton School profess a threefold educational mission to:

1. Deepen the students' relationship with the person who is Jesus Christ, so they might faithfully follow His teachings and discover their vocation within His Church.
2. Cultivate the pursuit of Truth through sincere faith and right reasoning in all areas of study.
3. Foster intellectual, theological, moral, and social virtues through excellence in and outside of the classroom.

*"Let His Will of the present moment be the first rule of our daily life and work..."*

-- St. Elizabeth Ann Seton

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## Academic Policies

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*Receive my instruction in preference to silver and knowledge rather than choice gold. For Wisdom is better than corals, and no choice possession can compare with her. -- Proverbs 8: 10-11*

*See the Seton School Handbook for all the Academic Policies and Course Scheduling Procedures. Some of the pertinent policies are copied here.*

### Religion

All students, including non-Catholics, must take religion each year.

### Graduation Requirements

- Twenty-six academic credits in high school subjects are required for graduation. A student must achieve an overall grade average of 77% to graduate.
- In addition, all students must participate in one Science Fair and all seniors are required to participate in a pro-life speech competition.
- Seton requires a residency year, in which a minimum of six courses must be taken at Seton School itself. This would ordinarily be the senior year, but a student who attended full time during the junior year could consider that to be his residency year and be eligible to attend part time in his senior year.
- A student must take Religion 11, Religion 12, Language and Logic 11, and English 12 on campus in order to receive a Seton diploma. A senior who fails one or both of the senior classes may retake them in home study, summer school or an equivalent college level course approved by the Director.
- If a senior is taking a home school course required for graduation, all the work must be completed by the end of the 4th quarter of the senior year. If it is not, the student will not be allowed to receive a diploma earlier than June 15, regardless of when the work is completed.
- Students who have not met the graduation requirements may attend commencement exercises, and may receive a certificate of achievement, but not a diploma.
- Seton students are required to take one year of Latin to graduate.
- To fulfill the minimum Seton language requirement for graduation, students may take:
  - a) a total of three years of Latin or
  - b) one year of Latin and two consecutive years of the same modern language.
  - c) In special circumstances and with the consultation of Guidance and the FL Chair, 2 years of Latin and 1 year of a modern language will fulfill the language requirement.

The language department teachers encourage students to take more than the minimum language requirement. Colleges and universities, in general, prefer three to four years of one language so that students gain depth in one language. A few colleges require at least three years of one language. Scholarship committees usually prefer three or more years of a language.

- Other required courses include the following:
  - *Math Department* – students must take math through Algebra II
  - *Science Department* – Biology must be taken
  - *Social Studies Department* – American History and American Government (*see changes to Social Studies requirement on page 5*)

## Grade Scale

Seton School uses percentages on report cards and transcripts. Within the school, letter grade equivalents are used as follows:

A	A-	B+	B	B-	C+	C	C-	D	F
100-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	65-69	64-0

Transcripts display the true percentage received for each class on a 100-point scale. A 4-point scale is used to calculate the cumulative GPA. The cumulative GPA is calculated by averaging all Seton High School classes taken. All classes carry the same weight for GPA purposes. Starting with the 2019-2020 school year, a passing grade is a 65. Seton does not rank except for first and second in the class. The 4-point scale is as follows:

4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.0	0
100-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	65-69	64-0

## Grade Requirements

Some departments/courses require the student not only to pass the preceding level but also to receive a certain grade point average. The following departments have grade requirements above 65 to go on to the next class:

- Foreign Language: An average of 75% or better needed for any student to go to the next level of a language. If a student's final average is lower than required, the student may go to summer school or may have tutoring which is approved by the teacher involved.
- Math Department: An average of 70% or better is needed for any student to go to the next level of math. If a student's final average is lower than required, the student may go to summer school or may consult the Math Department Head about options to get to the next math level.
- To take Religion 12, students must have a 70+ in Religion 11 and L&L. Students that do not meet this prerequisite are required to take Mrs. Carroll's 2-week summer school Religion 12 prep course.
- Advanced Biology requires an 85% in Physical Science and approval by the Physical Science teacher and the Advanced Biology teacher.

Teachers will notify parents and students as soon as possible if the grade requirement is not met so that arrangements for remedial help may be made.

## Course Prerequisites

Some courses have prerequisites before you are allowed to take that class. Some of these classes include all of the Dual Enrollment classes. See the courses for the prerequisites.

## Course Scheduling

Parents and students are strongly encouraged to consider teacher recommendations regarding moving on to next level courses for next school year. If you have any questions or concerns about whether your child is ready and prepared for a next level class, please contact his/her teacher directly, or if you have additional questions, please call or email the Guidance Department.

## Courses taken outside of Seton (including home study)

Seton typically does not accept outside courses for Seton graduation credit. See the handbook for the protocol for outside courses.

## Course Change Policy

- Students may not drop a course until the end of the first 4 full weeks of school. Such a dropped course will not appear on the transcript.
- *See the handbook (pp 14 – 15) for the protocol to change courses.*

## Study Halls

Please note: you may not be able to take a study hall all four years of high school and have enough credits to graduate.

## Course Offerings Required for Graduation by Discipline (Class of `24)

**Note:** Not all courses are offered every year. It is necessary to coordinate your plans with the help of Seton's guidance counselors to be certain that you will be able to take the courses you need.

**Total credits required for graduation are 26.**

\*Required Course. + Lab Science \*\* may not be offered if not enough in class

COURSES OFFERED			
<b>Religion</b> 4 Credits	<b>English</b> 6 Credits	<b>Social Studies</b> 3 Credits (Includes either AH or AG)	<b>Math</b> 3 credits (many colleges look for 4)
Religion 9*	Grammar 9*	World History	Algebra I*
Religion 10*	English 9*	American History*	Geometry*
Religion 11*	English 10*	History of 20 <sup>th</sup> century	Algebra II*
Religion 12*	English 11*	Economics	Pre-Calculus
Faith and Finance	Language and Logic 11*	American Government*	Calculus I & II
TOB & Spiritual Life	English 12*		Statistics DE
	Speech		
	Writing for Publication		
<b>Science</b> 2 Credits Beginning with Class of `23 3 Credits (many colleges look for 4)	<b>Foreign Language</b> 3 years of Latin <b>or</b> 1 year of Latin and 2 years of another consecutive language (many college require 3 years of a consecutive language)		<b>Fine Arts/ Other</b>
Earth and Space Science+	Latin I*		Studio Art I and Art Appreciation
*Biology+ or Advanced Biology+	Latin II, III, IV		Studio Art II
Chemistry I+, Chemistry II+	Spanish I, II, III		Band Beginning, Intermediate & Advanced
Physics+	Spanish 201 & 202 DE		Chorus I & II
Advanced Lab Science+	French I, II, III		Information Technology
Introduction to Engineering DE+	German I, II, III, IV		Python (1/2)
			3-D Printing (1/2)
			Chamber Choir (1/2 credit)

## Course Offerings Required for Graduation by Discipline (Class of '25 - '29)

**Note:** Not all courses are offered every year. It is necessary to coordinate your plans with the help of Seton's guidance counselors to be certain that you will be able to take the courses you need.

**Total credits required for graduation are 26.**

\*Required Course.    + Lab Science

COURSES OFFERED			
<b>Religion</b> 4 Credits	<b>English</b> 6 Credits	<b>Social Studies</b> 4 Credits	<b>Math</b> 3 credits <i>(many colleges look for 4)</i>
Religion 9* Religion 10* Religion 11* Religion 12* Faith and Finance TOB & Spiritual Life	Grammar 9* English 9* English 10* English 11* Language and Logic 11* English 12*/DE Speech Writing for Publication	World History American History* History of 20 <sup>th</sup> century Economics American Government*	Algebra I* Geometry* Algebra II* Pre-Calculus Calculus I & II Statistics DE
<b>Science</b> 3 Credits <i>(many colleges look for 4)</i>	<b>Foreign Language</b> 3 years of Latin <b>or</b> 1 year of Latin and 2 years of another consecutive language <i>(many college require 3 years of a consecutive language)</i>	<b>Fine Arts/ Other</b>	
Earth and Space Science+ *Biology+/Advanced Biology+ Chemistry I+, Chemistry II+ Physics+ Advanced Lab Science+ Introduction to Engineering DE+	Latin I* Latin II, III, IV Spanish I, II, III Spanish 201 & 202 DE Spanish V French I, II, III German I, II, III, IV	Studio Art I and Art Appreciation Studio Art II Band Beginning, Intermediate & Advanced Chorus I & II Information Technology Python (1/2) 3-D Printing (1/2) Chamber Choir (1/2 credit)	

## High School Course Offerings by Grade for 2023-2024 (for class of '24)

Credits per discipline are listed. Not all courses offered each year. **26 Credits** for Graduation required.

\*Required Course. + Lab Science

Grades and Disciplines	9	10	11	12
<b>Religion</b> 4 credits	*Religion 9: Basic Doctrine & Apologetics	*Religion 10: Christian Morality & Sacraments	*Religion 11: Sacred Scripture	*Religion 12: Advanced Doctrine, Apologetics & Spirituality
			Faith & Finance TOB & Spiritual Life	Faith & Finance TOB & Spiritual Life
<b>English</b> 6 credits	*English 9 Speech Writing for Publication	*English 10 Speech Writing for Publication	*English 11 Speech Writing for Publication	*English 12/DE Speech Writing for Publication
	*Grammar 9		*Language & Logic	
<b>Mathematics</b> 3 credits (colleges look for 4)	*Algebra I *Geometry *Algebra II	*Algebra *Geometry *Algebra II Pre-Calculus	*Geometry *Algebra II Pre-Calculus Calculus	*Algebra II Pre-Calculus Calculus Calculus 2 Statistics DE
<b>History</b> (3 credits, including either AH or AG) Note: '25-'27 have different requirements	World History	*American History Hist. of 20 <sup>th</sup> cent. (with permission)	*American Hist. Economics Hist. of 20 <sup>th</sup> cent.	*American Hist. *American Govt. Economics Hist. of 20 <sup>th</sup> cent.
<b>Science</b> 3 credits (many colleges look for 4)	Earth and Space+ *Biology+ or *Adv. Biology+	Earth and Space+ *Adv. Bio./Bio+ Chemistry+ Physics+	Earth and Space+ *Adv. Bio./Bio+ Chemistry+ Chemistry II+ Physics+	Earth and Space+ *Adv. Bio./Bio+ Chemistry+ Chemistry II+ Physics+ Intro to Eng. DE+ 3-D Printing (1/2)
<b>Foreign Language</b> 3 years of Latin; OR 1 year Latin & 2 years of another consecutive language (many colleges require 3 years of a consecutive language)	*Latin I, II Spanish I, II German I, II French I, II	*Latin I, II, III Spanish I, II, III German I, II, III French I, II, III	*Latin I, II, III, IV Spanish I, II, III, IV Spanish Heritage German I, II, III, IV French I, II, III, IV	*Latin I, II, III, IV Spanish I, II, III, 201/202 DE, V Spanish Heritage German I, II, III, IV French I, II, III, IV
<b>Fine Arts</b>	Band (Beg, Int, Adv) Chorus I & II, Music Appreciation Art I, II, III	Band (Beg, Int, Adv) Chorus I & II Music Appreciation Art I, II, III	Band (Beg, Int, Adv) Chorus I & II Music Appreciation Art I, II, III	Band (Beg, Int, Adv) Chorus I & II Music Appreciation Art I, II, III
<b>Other</b>	Info. Technology Study Hall	Info. Technology Study Hall	Info. Technology Study Hall	Info. Technology 3-D Printing Python Study Hall



## WORKSHEET by Grade for 2023-2024 (for class of `24)

Credits per discipline are listed. Not all courses offered each year. **26 Credits** for Graduation required.

\*Required Course. + Lab Science

Grades and Disciplines	9	10	11	12
<b>Religion</b> 4 credits	*Religion 9: Basic Doctrine & Apologetics	*Religion 10: Christian Morality & Sacraments	*Religion 11: Sacred Scripture	*Religion 12: Advanced Doctrine, Apologetics & Spirituality
<b>English</b> 6 credits	*English 9	*English 10	*English 11	*English 12
	*Grammar 9 (unless you test out)		*Language & Logic	
<b>Mathematics</b> 3 credits (colleges look for 4)				
<b>History</b> (3 credits, including either AH or AG) Note: `25-`27 have different requirements				
<b>Science</b> 3 credits (many colleges look for 4)				
<b>Foreign Language</b> 3 years of Latin; OR 1 year Latin & 2 years of another consecutive language (many colleges require 3 years of a consecutive language)				
<b>Fine Arts</b>				
<b>Other</b>				

## Prospective High School Course Offerings by Grade (for Classes `25 – `29)

Credits per discipline are listed. Not all courses offered each year. **26 Credits** for Graduation required.

\*Required Course. + Lab Science

Grades and Disciplines	9	10	11	12
<b>Religion</b> 4 credits	*Religion 9: Basic Doctrine & Apologetics	*Religion 10: Christian Morality & Sacraments	*Religion 11: Sacred Scripture	*Religion 12: Advanced Doctrine, Apologetics & Spirituality
			Faith & Finance TOB & St. Paul	Faith & Finance TOB & St. Paul
<b>English</b> 6 credits	*English 9 Speech Writing for Publication	*English 10 Speech Writing for Publication	*English 11 Speech Writing for Publication	*English 12 Speech Writing for Publication
	*Grammar 9		*Language & Logic	
<b>Mathematics</b> 3 credits (Colleges look for 4)	*Algebra I *Geometry *Algebra II	*Algebra *Geometry *Algebra II Pre-Calculus	*Geometry *Algebra II Pre-Calculus Calculus	*Algebra II Pre-Calculus Calculus Calculus 2 Statistics DE
<b>History</b> (4 credits)	World History	*American History Hist. of 20 <sup>th</sup> c. Eur. (with permission)	Economics Hist. of 20 <sup>th</sup> c. Eur.	*American Govt. Economics Hist. of 20 <sup>th</sup> c. Eur.
<b>Science</b> 3 credits (many colleges look for 4 credits)	Earth and Space+ *Adv. Bio./Bio+	Earth and Space+ *Adv. Bio./Bio+ Chemistry+ Physics+	Earth and Space+ *Adv. Bio./Bio+ Chemistry+ Chemistry II+ Physics+	Earth and Space+ *Adv. Bio./Bio+ Chemistry+ Chemistry II+ Physics+ Intro to Eng. DE+ 3-D Printing (1/2)
<b>Foreign Language</b> 3 years of Latin; OR 1 year Latin & 2 years of another consecutive language (many colleges require 3 years of a consecutive language)	*Latin I, II Spanish I, II German I, II French I, II	*Latin I, II, III Spanish I, II, III German I, II, III French I, II, III	*Latin I, II, III, IV Spanish I, II, III, IV Spanish Heritage, German I, II, III, IV French I, II, III, IV	*Latin I, II, III, IV Spanish I, II, III, Spanish Heritage, 201/202 DE, V German I, II, III, IV French I, II, III, IV
<b>Fine Arts</b>	Band (Beg, Int, Adv) Chorus I & II Music Appreciation Art I, II, III	Band (Beg, Int, Adv) Chorus I & II Music Appreciation Art I, II, III	Band (Beg, Int, Adv) Chorus I & II Music Appreciation Art I, II, III	Band (Beg, Int, Adv) Chorus I & II Music Appreciation Art I, II, III
<b>Other</b>	Info. Technology Study Hall	Info. Technology Study Hall	Info. Technology Study Hall	Info. Technology Study Hall

## WORKSHEET by Grade (for Classes `25 - `29)

Credits per discipline are listed. Not all courses offered each year. **26 Credits** for Graduation required.

\*Required Course. + Lab Science

Grades and Disciplines	9	10	11	12
<b>Religion</b> 4 credits	*Religion 9: Basic Doctrine & Apologetics	*Religion 10: Christian Morality & Sacraments	*Religion 11: Sacred Scripture	*Religion 12: Advanced Doctrine, Apologetics & Spirituality
<b>English</b> 6 credits	*English 9	*English 10	*English 11	*English 12
	*Grammar 9 (unless you test out)		*Language & Logic	
<b>Mathematics</b> 3 credits (Colleges look for 4)				
<b>History</b> (4 credits)		*American History		*American Govt.
<b>Science</b> 3 credits (many colleges look for 4 credits)				
<b>Foreign Language</b> 3 years of Latin; OR 1 year Latin & 2 years of another consecutive language (many colleges require 3 years of a consecutive language)				
<b>Fine Arts</b>				
<b>Other</b>				

## Junior High Course Offerings by Grade

\*Courses that will be on the student's high school transcript

Grades and Disciplines	7	8
<b>Religion</b>	Religion 7	Religion 8
<b>English</b>	Reading 7 Grammar 7	Reading 8 Grammar 8 (optional)
<b>Mathematics</b>	General Math Pre-Algebra *Algebra I	Pre-Algebra *Algebra I *Geometry
<b>History/Geography</b>	World Culture 7	World Culture 8
		World Geography 8
<b>Science</b>	Life Science/ Science Fair	Physical Science
<b>Foreign Language</b>	*Latin I <sup>1</sup>	*Latin I <sup>2</sup> , *German I <sup>2</sup> *Spanish I <sup>2</sup>
<b>Fine Arts</b>	*Band	*Band *Art
<b>Other</b>	Life Skills Study Hall	

<sup>1</sup> Seventh grade students may take foreign languages only if they have scored 90% or above in Grammar 6 and 85% or above on an English grammar proficiency test given in the early summer at Seton. Registration for languages in junior high school is conditional: students may be asked to drop the course at the end of the first quarter if they are not ready to succeed.

<sup>2</sup> Rising eighth graders who have achieved an 85% or above in Grammar 7 may take Latin I or German I as their elective. If a rising 8th grader did not achieve an 85% in Grammar 7, he/she may take Grammar Summer School to qualify for the class. Rising 8th graders who took Latin I in 7th Grade and achieved an 80% or above may take Spanish I as an elective. Registration for languages in junior high school is conditional: students may be asked to drop the course at the end of the first quarter if they are not ready to succeed.

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## JUNIOR HIGH COURSE DESCRIPTIONS

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### Philosophy of JHS

Junior High Students develop organization skills, learn study habits, and grow in the virtues of respect and responsibility. The goal of the junior high classes is to assist the student to thrive in Seton's high school courses.

### Junior High School Grade Requirements

If a new junior high student has a grade average below 68% at the end of the semester, or an old student has an average below 70%, a conference may be held with the parents to determine whether the student should continue at Seton.

Any seventh-grade student with a grade average of 77% or above at the end of the year is eligible for promotion to the eighth grade. If a seventh-grade student has a grade average between 70%-77%, a conference may be held with the parents to determine whether the student should repeat the grade or make up classes in summer school. A seventh-grade student with an average of 69% or lower at the end of the year might be allowed to repeat the grade, might be required to make up classes in summer school, or might be asked not to return to Seton.

For admission into Seton's ninth grade, an eighth-grade student must complete the eighth-grade year with an overall grade average of 77% or above (before summer school), must not have received any suspensions during the eighth-grade year, and must be recommended by the eighth-grade faculty. Students who do not meet these requirements may be admitted into the ninth grade on probation or may be asked not to return to Seton.

All failed junior high classes must be made up in summer school unless an alternative is approved by the Director.

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## JHS Religion

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### Religion 7 Boys (*required grade 7*)

The primary goal of religion class is ultimately to come to a deeper relationship with Christ and His Church. In religion 7 we will do this by studying the truths and devotions of our Catholic faith as presented in St. Joseph's Baltimore Catechism, which leads us through questions and answers concerning the Creed, the Commandments, the Sacraments, and prayer. We will also learn daily prayers, the lives of the saints, important quotes from the saints, scripture passages, and the parts of the Mass. Students will be assessed through quizzes, tests, and saint projects. There will be a midterm and a comprehensive final exam for this course.

**Textbooks/materials:** St. Joseph's Baltimore Catechism

**Course fees:** St. Joseph's Baltimore Catechism- purchased by student

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### Religion 7 Girls (*required grade 7*)

The primary goal of Girls Religion 7 is for each individual student to develop a deeper, trusting relationship with Jesus and His Church, so that an eternal and loving embrace with God the Father is desired (and

hopefully attained). We do this by studying the truths and devotions of our Catholic faith as presented in St. Joseph's Baltimore Catechism, and by reading the Bible--the living Word of God. In this year of preparation for Confirmation, students grow and mature in their faith by developing greater theological depth and precision regarding the nature and attributes of God, the Creation and Fall, angels, the Mass, Covenant History, the Commandments, and the Sacraments. Students are encouraged to develop a deeper and more fruitful prayer life through weekly chapel visits, which occasionally include Lectio Divina. Students also learn daily prayers, the lives of the saints, important saint quotes, and valuable scripture passages. Academic honesty is taught as a first quarter unit. Students are assessed through homework, quizzes, and tests. There is a project each quarter, plus a midterm and a comprehensive final exam for this course.

**Textbooks/materials:** St. Joseph's Baltimore Catechism, The Holy Bible (Ignatius Press)

**Course fees:** St. Joseph's Baltimore Catechism- *purchased by student, included in student fees*

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## Religion 8

*The Religion 8 classes include preparation for the Sacrament of Confirmation. Parents of students to be confirmed are responsible for checking with their parish to find out the specific requirements for that parish. The parents should then communicate these requirements to the Religion 8 teacher. The teachers will work with the parents and the parish DREs to help the students fulfill the requirements.*

### Religion 8 Boys (required grade 8)

The goal of religion 8 is to have the young men to view their Catholic faith as valuable so that they want to take responsibility for practicing their faith and living up to the call of their Confirmation (to become an adult in the Church). In the first semester, the course starts with a detailed understanding of the Holy Trinity (based mainly on St. Thomas Aquinas) and creation of the angels and man. The class uses the *Faith and Life* book *The Life of Faith* that starts with Genesis and develops the link between the Jewish Covenant on Abraham and the Catholic Covenant established by Christ. The second semester we use the *Faith and Life* book *Our Life in the Church* to look at Catholic Church teaching. We finish the course with an in-depth look at St Thomas Aquinas' Sixteen Attributes of God. There is a midterm and a comprehensive final exam for this course.

**Note:** We use Stephen Covey's *7 Habits of Highly Successful People* to encourage the young men to good habit patterns and notes from Fr. John Harden on Confirmation.

**Textbooks:** Faith and Life Series: *The Life of Faith* and *Our Life in the Church*

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### Religion 8 Girls (required grade 8)

The goal of this course is to prepare the student for receiving the Sacrament of Confirmation and to develop their love and understanding of the Catholic Faith. Course material will include God and Creation. Knowing, Loving & Serving God. The Beatitudes. Jesus and the Church. An overview of the Sacraments with a special focus on the Sacraments of Initiation. The Holy Spirit. Revelation. Introduction to the Bible. Prayer. The Mass. Sin. The Last Four Things and a study of some of the narrative books of the Old Testament to give students a basic understanding of God's plan of Salvation, the role of Covenants and His faithful, merciful love for mankind collectively and individually, followed by a brief introduction to the New Testament. Students will be required to write a paper on an approved Marian Apparition or Eucharistic Miracle. The first semester's material will be tested in the Religion midterm exam. The second semester's material will be tested in the Religion final exam.

**Textbooks/materials:** Faith and Life Series: *The Life of Faith* and *Our Life in the Church*; A workbook which includes note summaries, relevant quotes, Bible passages, charts, maps, and prayers

**Course fees:** Students pay a workbook fee of \$8.

### Reading 7 (required grade 7)

The goal of this course is to increase a student's love of literature, to study introductory literary terms, and to familiarize the student with the four types of paragraph writing. In the first semester, the five story elements and five parts of plot in folktales, fables, and myths are studied using the textbook *Awake to World's Unfolding*. Seton has a rigorous writing program. In Reading 7 the student learns to write narrative, descriptive, expository, and persuasive paragraphs. At least one composition is due each quarter. In second semester, students will study *The Hobbit* for the third quarter and *A Midsummer's Night Dream* for the fourth quarter. Students also learn how to write paragraph essays for tests. Students write a persuasive paragraph which is entered in a school-wide contest. A midterm for first semester is given. A final exam is given that covers only the second semester reading material, but the entire list of literary terms for the year.

**Textbook/Materials:** *Awake to World's Unfolding* (Chapters 1 - 3, 8); *The Hobbit*; *A Midsummer's Night Dream*; *Warriner's Composition, First Course* (all provided for the students)

**Summer Reading:** *Where the Red Fern Grows*, D'Aulaire's *Greek Myths*, *Tom Sawyer* (all quizzed in first week of school), prizes for students who read many books (**Optional Summer Reading:** *The Winged Watchman*, *Beorn the Proud*)

**Prerequisites:** none. Entrance exam testing determines placement in this class.

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### Reading 8 (required grade 8)

The goal of this course is to increase a student's love of literature, to continue studying literary terms, and to build on the four types of paragraph writing. In the first semester, poetry is introduced through a poetry collection provided to the students. Students will be taught to analyze a poem by looking for the meter, rhyme, and speaker. Students will look in depth to find deeper meaning of symbols. Each student will pick a poem to memorize and analyze for the end of the unit project. Next students will review the five parts of plot through a collection of short stories provided to them. Each student will read the stories together in class and write about each element in that short story using plot diagrams. They will discuss characterization and plot summaries in depth. Next, the students will start their novel studies. The student will be provided with the novel *A Christmas Carol* by Charles Dickens. The class will read and discuss this novel in class. At the end of the novel, each student will create a portfolio of each ghost in the story along with a one paragraph analysis of its importance to the main character's transformation. Lastly, the students will watch the movie of the book and compare and contrast the movie to the book. During the second semester, students will be introduced to *Around the World in 80 Days* by Jules Verne. They will read and plot the main character's journey on a map of the world. Students will discuss characterization and main plot points. Students will review how to write a persuasive paragraph during this unit. They will research a topic and write a paragraph either for or against this topic. Finally, the students will read *The Merchant of Venice* by William Shakespeare. We will discuss characters in the novel and plot points. Students will choose a scene and perform these scenes for their classmates at the end of the drama. Students also will be working on a research paper during this semester. Students will pick a topic in World Culture. They will learn how to take notes, form an outline, write an introductory and concluding paragraph, and properly format a work cited entry. During the entire year, students will be working on vocabulary using *Sadlier Vocabulary Workshop Level C*. Students will be doing exercises that practice using the words in context and using synonyms and antonyms of the word. They will have weekly quizzes on each unit. A midterm for first semester is given

and a separate vocabulary midterm is given when unit 8 is completed. A final exam is given that covers only the second semester reading material, but the entire list of literary terms for the year. Also, a final vocabulary exam is given that covers units 9- 15.

**Textbook/Materials:** Poetry and Short Story Collection, *A Christmas Carol* by Charles Dickens, *Around the World in 80 Days* by Jules Verne, *The Merchant of Venice* by William Shakespeare, *Sadlier Vocabulary Workshop Level C* (Note: all texts are provided for the students)

**Summer Reading:** *The Hound of the Baskervilles*—Doyle; *Lilies of the Field*—Barrett; *The Fellowship of the Ring*—Tolkien; **Extra Credit:** *Pygmalion*—Shaw, *Little Women*—Alcott

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## Grammar 7 (required grade 7)

The goal of this course to learn to construct and deconstruct sentence structure, identify and use parts of speech in a sentence effectively, and write more clearly and cohesively. In the first semester, students will be introduced to parts of a sentence. They will explore the subject, predicate, and classification of a sentence by purpose. Next, they will be proofreading sentences for capitalization errors. They will also be looking for correct usage of end marks, abbreviations, and commas. Students will be learning the rules for underlining (italics) and how to use quotation marks, semicolons, and colons properly. Students will then move to learning the eight parts of speech followed by complements. Diagramming will be introduced during these lessons. During the last part of the semester, students will be introduced to phrases that include prepositional phrases and appositives. During the second semester, students will start learning the three types of verbals (participles, gerunds, and infinitives). They will practice diagramming all types of phrases. Next, they will be introduced to independent and subordinate clauses. They will explore how different types of clauses make up different types of sentences. This will lead them into classifying sentences by structure. Again, they will be practicing writing and diagramming sentences that are compound, complex, and compound-complex. Students will then move into agreement. They will learn about subject verb agreement and pronoun antecedent agreement. Students will then go in depth with verbs. They will learn the different tenses, voice, and how to properly conjugate verbs. If time permits, students will be introduced to case forms of pronouns and correct use of modifiers. During the entire year, students will be working on vocabulary using *Sadlier Vocabulary Workshop Level B*. Students will be doing exercises that practice using the words in context and using synonyms and antonyms of the word. They will have weekly quizzes on each unit. A midterm for first semester grammar concepts and a separate vocabulary midterm for Units 1-8 are given. A final exam is given that covers all of the material taught in this course. Also, a final vocabulary exam is given that covers units 9- 15.

**Textbooks:** *Warriner's Handbook 2nd course* (textbook), *Warriner's Handbook 1st course* (workbook), *Sadlier's Vocabulary Workshop Level B* (All books are provided to the students)

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## Grammar 8 (elective grade 8)

The objective of this course is to reinforce a student's understanding of fundamental grammatical concepts, including parts of speech, sentence parts, phrases, clauses, and sentence diagramming. Students will compose a short story each quarter to demonstrate their mastery of a particular concept, for example prepositional phrases or quotation mark usage. During the second semester, students will learn capitalization, usage, agreement, and numerous types of punctuation. This course provides an excellent preparation for Grammar 9. There will be a midterm and a comprehensive final exam.

**Textbook:** *Warriner's Handbook 3<sup>rd</sup> course* (provided)

**Prerequisite:** *Grammar 7*



### General Math *(required)*

General Math is a course in practical math and is part of a two-year junior high math curriculum designed to prepare students for high school math. The overall goal of the class is to learn the basic math skills and mathematical reasoning which will be the foundation for higher mathematics in the coming years. First semester covers all basic math operations, exponents, order of operations, decimals, the metric system, mean, median, mode, range, and fractions. There will be a midterm given. Second semester covers integers, equations, ratios, proportions, and percentages. There will be a final that covers both semester's material.

**Textbook/Materials:** *McDougal Littell Middle School Math Course 2*, 2004

**Prerequisite:** math placement exam, seventh graders may test into a higher math

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### Pre-Algebra *(required)*

In the first semester, topics include order of operations, variable expressions, powers and exponents, including zero and negative exponents, solutions of one, two and multistep equations and inequalities in one variable, review of four operations of fractions and decimals, operations on integers, and properties of arithmetic, such as distributive and division properties. Further, factors, prime numbers, prime factorization, LCM, and GCF are treated. In the second semester, students learn proportions, percents, perimeter, circumference, area, percent change, simple probability, angle pairs, and triangles. They also delve into roots and irrational numbers, right triangles, and the Pythagorean Theorem. They are given a brief introduction into the basics of trigonometry. Additionally, they learn areas of various shapes, surface area and volume of various solids. Finally, they explore lines, linear equations, slope, intercepts, and linear graphs. A midterm exam is given at the end of the first semester, and a comprehensive final at the end of the year.

**Textbook/Materials:** *Math: Course 3* (McDougal Littell Middle School, 2004); Scientific or graphing calculator (used only near the end of the year)

**Prerequisite:** for 7<sup>th</sup> grade – entrance exam testing determines placement in this class. For 8<sup>th</sup> grade – completion of Basic Math previous year

**Note:** All Pre-Algebra classes take the same midterm and final exams.

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*See JHS Course offerings section for HS math courses available to JHS students and High School Mathematics Courses section for those course descriptions*

### **World Culture 7/8** (*required grades 7/8*)

World Culture seeks to enable the student to learn about different cultures and historic events in world history, to transcribe notes from lecture material, to write a paper and to give an oral presentation on a chosen topic to their peers. Students will gain over 8 quarters mastery of following concepts: 1) Note-taking Skills, 2) Researching and sourcing materials to write a history paper, 3) Public Speaking, and 4) Learning the cultures and history of Malta, Mexico, France, Poland, Great Britain, Russia, Austria, Ireland, America during Colonial times, and American/European inventors from 1850-1920. There will be work sheets, map skill sheets, open notes quizzes, open notes tests and a quarterly project. There is no mid-term or final exam.

**Textbook:** *n/a*

**Note:** This course is taught by four different instructors on a quarterly basis. For greater uniformity, the same rubrics are used by all the teachers for the quarterly projects.

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### **World Geography 8** (*required grade 8*)

The goal of World Geography is to have students become familiar with the general location of countries, their governments, economies, and cultures and how regions of the world interact with one another. In the first semester of World Geography the students are taught geographic terms, various governments and basic societal characteristics. The regions that are studied during this term are North and South America, Europe and Russia, including cultural and economic factors and regional maps. During the second semester a similar approach is used to learn about Africa, the Middle East, non-Russian parts of Asia, Australia, and Oceania. There is a midterm and a comprehensive final exam.

**Note:** A special emphasis is placed on understanding various types of economic systems and most importantly the dangers of Communism.

**Textbooks:** Glencoe World Geography

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### Life Science 7 *(required grade 7)*

This course begins the year with the study of the Scientific Method and Experimental Design. The students will take a hands-on, step-by-step approach to learning the scientific method, the basic principles of Experimental Design as well as the analysis of data. This will follow parallel with the students creating their own science fair project, which will culminate at the Seton Science Fair at the end of January. They will develop and apply basic concepts of experimental design, generate ideas, create and carry out the experiment, as well as analyze the data once the experimentation is complete. A background research paper (approximately 2 pages) will be written as an integrated assignment between the Science and English departments. For the remainder of the year the students will be introduced to Life Science with an emphasis on the understanding of living things and the environment that they share. They will start with a basic understanding of cells, learn about how living things differ and are classified. They will then learn how all living things interact with one another and the biomes in which they live. There is no mid-term exam – the final Science fair project and write up is used as the mid-term assessment. There is a final exam for this course that will cover the material learned throughout the year – emphasizing the vocabulary and topics studied.

**Textbooks/materials:** Science Explorer Life Science by Prentice Hall (2009)

**Course fee:** \$10 lab fee

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### Physical Science 8 *(required grade 8)*

Physical Science is an introductory course that will lay a foundation for high school science courses. After taking this class students will be able to better assess pursuing a career in science, technology, engineering, or math (STEM). The Physical Science lessons will stress an understanding of the nature, the structure of matter and the characteristics of energy. Considerable emphasis on the technological application of physical science principles will include force, motion, electricity, magnetism, work, the organization and use of the periodic table, and physical and chemical changes. The first semester focuses on chemistry and the second semester focuses on physics. While teaming with classmates in hands-on activities, students will build the skill of systematic investigation with a clear focus on variables and repeated trials. Validating conclusions using evidence and data will be paramount. Students will learn to use numerous laboratory instruments and tools as well as Microsoft Excel. An early emphasis will be placed on learning excel to facilitate graphing results for insertion in lab reports. An introduction to PowerPoint will be provided to support an oral presentation on elements of the periodic table. The course objectives are to 1) involve students in hands-on activities that teach about force, motion, electricity, magnetism, work, and physical and chemical changes; 2) convey through this introductory course the tremendous opportunities available to students who develop math and science skills; 3) develop team-building skills; 4) develop presentation skills; and 5) develop graphing skills. A mid-term exam is not given; instead, a PowerPoint project (10-20 slides) on two elements from the Periodic Table is used as a summative assessment. A final exam is given that covers the fundamental topics from the entire year. A full week of review is provided to prepare students for the final exam.

**Textbooks/materials:** Carle, Mark, Mickey Sarquis and Louise Mary Nolan, PhD., *Physical Science: The Challenge of Discovery*, Lexington, D.C. Heath and Company, 1991, Print.

**Course fee:** \$15 lab fee

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## JHS Foreign Language

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### JHS Foreign Language Department Requirements:

Seton does not have junior high level foreign language classes; Seton offers only full credit high school classes. Only the very well-disciplined student should consider German, Spanish or French. New students who want German II, Spanish II, or Latin II must pass Seton Level I final exams. See the prerequisites for each particular grade below:

**Grade 7:** Seventh grade students may take foreign languages only if they have scored 90% or above in Grammar 6 and 85% or above on an English grammar proficiency test given in the early summer at Seton.

**Grade 8:** Rising eighth graders who have achieved an 85% or above in Grammar 7 may take Latin I as their elective. If a rising 8th grader did not achieve an 85% in Grammar 7, he/she may take Grammar Summer School to qualify for the class. Rising 8th graders who took Latin I in 7th Grade and achieved an 80% or above may take a modern language as an elective.

Registration for languages in junior high school is conditional: students may be asked to drop the course at the end of the first quarter if they are not ready to succeed. Moreover, note that priority in enrollment in high school level courses is given to high school students. Class space considerations may limit your choices.

*(see JHS Course offerings section for a list of Foreign Languages that JHS students are eligible to take and the High School Foreign Language section for descriptions of those courses)*

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## Fine Arts (see high school)

*See the Guidance Department about Rules about JHS students taking Fine Arts*

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*Note that priority in enrollment in high school level courses is given to high school students. Class space considerations may limit your choices.*

*See HS Fine Arts for descriptions of those courses*

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## Other

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### Life Skills 7 Girls (*elective grade 7*)

Girls Life Skills takes a three-pronged approach to what one might encounter in life. First is one's relationship with God and what are some of the practical as well as deeper ways we know God and serve Him. Next is self and how one might care for self physically, spiritually, and emotionally. Third is others and how one might care and serve others physically, spiritually, and emotionally. Topics that are covered in a broad manner are: prayer life, spiritual strength, nutrition and exercise, cooking, cleaning, sewing, service in the community, modest dress, study skills, entertaining, etiquette, and car maintenance. There is no midterm or final exam.

**Textbooks/materials:** none

**Course fee:** none

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### Life Skills 7 Boys (*elective grade 7*)

The goal of this class is to enable the young men to be responsible for their faith life, intellectual life, physical life; to learn how to compete and interact with other men; and to set them up for success in their life going forward. In the first semester of Life Skills the students are taught virtuous life principles (how to work on their relationship with God, parents, siblings, others & self). Then the young men are given in-classroom study skills, note taking skills and quiz and test preparation skills. The remainder of the semester is spent on training the young men in personal financial health. The second semester focuses on exercise training, understanding and working on automobiles and understanding how a house functions (generally how a house is constructed, plumbing and electrical systems). There is no midterm or final exam.

**Note:** This course uses dodgeball and school service projects to build camaraderie and character.

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### Study Hall 7/8 (*elective grades 7/8*)

no credit

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## HIGH SCHOOL COURSE DESCRIPTIONS

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### Dual Enrollment Opportunities

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Some upperclassmen will be eligible to take the Dual Enrollment courses that are offered at Seton. There are many reasons to take one or more of these classes (see testimonials given by recent Seton graduates who have taken the DE Statistics class). Students register with NVCC but are taught at Seton by our teachers. There is no additional tuition (students may need to buy college textbooks). These courses are not necessarily more difficult than other Seton upper-level courses and students receive both high school and college credit. We will have more information for interested students at their course scheduling workshop.

**These are the Dual Enrollment courses offered 2023-2024 (please contact the teachers if you have specific questions about the courses):**

**Statistics DE (MTH 245, 3 college credits):** 1 Seton credit

Seton's Statistics DE is taught by Mrs. Vickie Zadnik ([vzadnik@setonschool.net](mailto:vzadnik@setonschool.net)).

This one semester Northern VA Community College (NVCC) course is taught over two semesters. The course presents an overview of statistics, including descriptive statistics, elementary probability, probability distributions (first semester), estimation, hypothesis testing, correlation, and linear regression (second semester). The course requires a written report as well as a midterm and comprehensive final exam.

**Textbooks/materials:** Online resource required for this course for homework and software practice

**Course fees:** Online resource registration fee about \$90 (includes an electronic textbook)

**Prerequisites:** Pre-Calculus is a prerequisite and Calculus is recommended and can be taken concurrently. Students will need to take an additional math exam to qualify for this class.

**Note:** This course requires extensive hours of homework done on a computer.

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**Spanish DE 201/202 (SPAN 201/202, 6 college credits):** 2 Seton credits

Spanish DE 201/202 is taught by Mrs. Ann Martella ([amartella@setonschool.net](mailto:amartella@setonschool.net)). This course covers Spanish DE 201 first semester and then Spanish DE 202 second semester. Students will earn 2 Seton credits and the courses will be counted separately on the student's transcript (1 credit and grade for 201 and 1 credit and grade for 202). Please see Mrs. Martella to determine if you qualify for this class.

**Spanish DE 201** is a college-level course that continues to develop understanding, speaking, reading, and writing skills. It is the first course in a two-part series. It will enable students to achieve Spanish proficiency in listening, speaking, reading and writing at or above the intermediate-mid level as defined by the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Guidelines. In keeping with the National Standards for Foreign Language Education, culture (music, art, gastronomy, social mores, and others) is embedded in this language course. Upon successful completion of this course, students will be able to communicate at the low intermediate level using the present, past (preterite and imperfect) and perfect tenses and the imperative and subjunctive moods. Both students and the teacher will speak in Spanish in this course.

**Spanish DE 202** is a college-level course that continues to develop understanding, speaking, reading, and writing skills. It is the second course in a two-part series. It will enable students to achieve Spanish

proficiency in listening, speaking, reading and writing at or above the intermediate-mid level as defined by the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Guidelines. In keeping with the National Standards for Foreign Language Education, culture (music, art, gastronomy, social mores, and others) is embedded in this language course. Upon successful completion of this course, students will be able to communicate at the low intermediate level using the present, past (preterite and imperfect) and perfect tenses and the imperative and subjunctive moods. The course will emphasize sentences with more than one clause using the subjunctive and “si” clause structures. Both students and the teacher will speak in Spanish in this course.

**Textbook:** *Vistas: Introducción a la lengua española*. 5<sup>th</sup> ed. Blanco, J., Dellinger, M., Donely, P. and M. García. Boston: Vistas Higher Learning, 2016. (ISBN-10 : 1626806705) Parents purchase directly.

**Note:** No summer reading is required. It is recommended that students review Spanish III grammar and vocabulary, particularly the verb tenses and moods. Students should also try to listen to, read, and speak Spanish as much as possible. They also can study National Spanish Exam vocabulary online.

**Course Fees:** \$5 (Seton); Students do not have to pay for their college credits. They will need to purchase a copy of the course textbook and course online codes. The price of the text with online codes is \$204.00 and will be paid to the publisher. Directions for purchase will be sent to enrolled students. If you buy or borrow a book from a previous Seton DE student, you can purchase only the codes for \$150.00. This book will be used for both Spanish 201 and 202.

**Prerequisites:** Spanish III; Placement Test, Approval from Mrs. Martella.

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### **Introduction to Engineering DE (EGR 121, 2 college credits):**

1 Seton credit

Introduction to Engineering is taught by Mr. Mark Hoffman ([mhoffman@setonschool.net](mailto:mhoffman@setonschool.net)). This dual enrollment class takes a full high school year to teach a one-semester NOVA “Introduction to Engineering” class. The first semester focuses on supplemental material to the NOVA EGR121 curriculum with an emphasis on Computer-Aided Design and 3D printing. The second part of the first semester and the second semester implements the full NOVA curriculum by introducing the engineering profession, professional concepts, ethics, and responsibilities of engineers. Furthermore, it reviews hand calculators, number systems, and unit conversions with a focus on problem-solving.

The purpose of this course is to provide the students with probably his/her first exposure to the world of engineering. Here the student will obtain a first impression of what the engineering field is all about as well as gaining some skills in basic engineering procedure and calculation, using the hand calculator and a personal computer. A major thrust of the course is to emphasize that the engineer is a team worker who needs strong skills in problem-solving and communications. Major topics to be included are profession of engineering; use of the hand microelectronic calculator for computations; use of the personal computer in engineering; graphing engineering data to derive empirical equations in two variables: using straight line curve fitting on linear, log-log and semi-log grids, or using least-squares methods of curve fitting; and engineering accuracy, significant figures, engineering problem-solving methodology; dimensions and unit systems; introduction to two dimensional mechanics (statics) and kinematics; and fundamental electric circuit theory. Mid-term and comprehensive final exams are given.

**Textbooks/materials:** *Engineering Fundamentals: An Introduction to Engineering*, 5<sup>th</sup> Edition. Saeed Moaveni. Cengage Learning. ISBN 978-1-305-08476-6

**Course fees:** \$50

**Prerequisites:** Physics, Concurrent enrollment in calculus, passing NOVA placement test.



### Religion 9 Boys *(required)*

1 credit

The introductory material of the class presents the early philosophers and their thought, explores the difference between philosophy and theology and the nature of proof in preparation for an understanding of the proofs for God's existence. Theological argument is explained so that the student can see the arguments supporting or explaining the following: Divine Revelation, the reliability of the Gospels, the Divinity of Christ, the establishment of the Church, the nature of the Church, the establishment of the papacy, the continuity of the hierarchy and teachings of the Church, the nature and meaning of grace, devotion to Blessed Mother. Devotionally the class covers/practices the mysteries of the rosary, Eucharistic adoration, traditional prayers and hymns, principles necessary to acquire virtue and the necessity of virtue to prepare the soul for the greater gifts God offers the devout. The rhythm of the liturgical year is experienced within the classroom by preparing for the two biggest solemnities of Christmas and Easter, by considering the heroic virtue of the saints of the Church calendar, and by special practices during Advent and Lent, the month of the Poor Souls and Blessed Mother's month. Teacher references include basic catechisms, especially My Catholic Faith; philosophical works, especially Socrates to Sartre; the Bible; various saints books and The Catholic Encyclopedia as well as on-line materials. An outline of the day's material is given followed by lecture and note taking. Devotions are explained and then practiced with time each week spent in the chapel before Our Lord in the Blessed Sacrament. Quarterly projects are produced by the students. These projects correspond with the liturgical year and include making a rosary, making a representation of an Old Testament type, making a mock stained-glass window. In addition, a project that assists the poor is done at some point during the year. Testing which involves a variety of traditional types of questions: true/false, multiple choice, short answers, and essays with emphasis on building a vocabulary of terms and forming cogent arguments. There will be a midterm and a comprehensive final exam.

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### Religion 9 Girls *(required grade 9)*

1 credit

The goals of Religion 9 are to enable the student to learn and understand the basic tenets of the Catholic faith and by this knowledge, grow in a personal relationship with Christ and his Bride, the Catholic Church. By the end of the course, the students will have mastery of the following concepts: 1) Doctrines of the Catholic Church, 2) The Nicene Creed, 3) The 7 Sacraments, 4) The Book of Tobit, 5) The Mysteries of the Rosary, 6) The 14 Stations of the Cross, 7) The 8 Beatitudes, 8) The 10 Commandments, 9) Moral Life, and 10) Prayer and Spirituality. There will be bi-weekly unit tests, some quizzes, a quarterly project, and a semester exam.

**Note:** This course is 2 semesters. One semester covers You Cat questions 1-259 and 511-527. The other semester covers You Cat questions 260- 510 and the Book of Tobit. There are 2 instructors for this course and the students switch instructors at the end of the first semester.

**Textbook:** You Cat (Ignatius Press)

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### Religion 10 Boys *(required grade 10)*

1 credit

The goal of Religion 10 is to correctly form the conscience of all the young men to have a Catholic Faith based perspective on what is morally right and wrong. Secondary goals include preparing them for the vocations of priesthood, married and single life. The first semester focuses on Jason Evert *Theology of His Body* and the 10 Commandments. The second semester looks at the Beatitudes as the central teaching of Catholicism using notes from Fr. John Harden. There is also learning centered on St. Francis DeSales



*Introduction to the Devout Life*, Fr. Larry Richard's book *Be A Man* and a detailed look at *The Catechism of the Catholic Church's* teachings on Marriage and Holy Orders.

**Note:** Students are required to do summaries of the Sunday gospels explaining how the message of Christ applies to their daily life.

**Textbook:** *Theology of His Body*

**Course fees:** \$13

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## Religion 10 Girls (*required grade 10*)

1 credit

The goal of this course of study is to build on the 9th grade YOUCAT course and to help students understand that it is only through Jesus Christ that they can fully live out God's plan for their lives. The course provides students with an understanding of Christian moral principles and precepts that govern the lives of Christ's disciples through an in depth look at the Moral Life, 10 Commandments, Theology of the Body, Prayer and the Beatitudes. The Sacraments of Christian Initiation are studied as an essential part of living out fully the Christian life. Learning subject matter by peer teaching; auditory learning through CD's; written essays on moral principles and relevant moral topics in today's culture; articulating moral course of actions dealing with current social trends; engage peers in classroom discussion on moral challenges which serves to inform autonomous choices based on an informed conscience; regular use of power points, weekly articles, you tube clips of clergy, including Fr. Riccardo, Schmitz, Barron, etc. Bringing class to chapel where best learning can occur. There will be a midterm and comprehensive final exam.

**Textbooks/materials:** *Catholic Catechism*; *Theology of the Body for Him/Her*, J.Evert; Peter Kreeft: *Prayer for Beginners*; Dr. Sri (Relativism); *Adoration*; *Lighthouse CD's*; Blessed Fulton Sheen talks; articles on current moral trends

**Course Fee:** \$3

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## Religion 11 Girls/Boys (*required grade 12, required graduation*)

1 credit

Religion 11 seeks to present the Catholic understanding of Scripture; refute erroneous understandings of Scripture (such as Fundamentalism and modernism); give a basic knowledge of the content of each book of Scripture; give an in-depth understanding of the Pentateuch, Ruth, Tobit, Judith, Esther, Job, Maccabees, Psalms, Isaiah, important passages in the other prophets, Acts of the Apostles, the Gospels, and key theological concepts in the Pauline Epistles, the other Epistles and Revelation; teach how to find the four meanings of Scripture (literal, allegorical, tropological, and eschatological); show how the Old Testament is crucial to understanding the New Testament and to show how the New Testament fulfills the Old Testament; learn the most important themes of Scripture (for example, Covenant and the necessity of blood sacrifice); find the Scriptural basis for Catholic moral teachings; learn to use Scripture in apologetics in support of Catholic teachings and to refute anti-Catholic attacks based on misreading of Scripture; foster a love of Sacred Scripture; and grow in love of Jesus Christ, since "Ignorance of the Scriptures is ignorance of Christ" (St. Jerome). Lecture and class discussion on the Scripture texts. Students read some books and passages individually and then have a written assignment or discussion on the reading. In the first semester, each student does a report on an individual Psalm or other Old Testament passages, interpreting them according to the four meanings of Scripture. In the second semester, each student does an individual assignment involving reading and interpreting Scripture. This assignment varies from year to year. Examples are a report on one of the chapters in the Acts of the Apostles, an analysis and interpretation of a section of the Gospel of Luke which was not covered in class, an analysis and interpretation of an Epistle not covered in

class, a creative narrative putting the student in the Gospels and presenting his reaction to Jesus Christ. Quizzes and tests are given periodically, and a comprehensive mid-term and final examination are given.

**Materials:** The Holy Bible, each student having his or her own copy. A teacher-prepared commentary on Scripture based on a wide variety of sources.

**Course Fee:** \$5

**Note:** This course is required on campus for a Seton diploma.

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## Religion 12 Girls/Boys (*required grade 12, required graduation*)

1 credit

The goal of Religion 12 is to prepare the students to live their Catholic faith in the modern world and to bring others to Christ. The course seeks to give the students the rational basis of their religious beliefs; to give the students a thorough understanding of the vocations of the Christian life: marriage, consecrated life, priesthood; to give the students a thorough understanding of the bioethics issues in modern society and of the Catholic moral principles that apply to these issues; to guide the students in developing a personal relationship with Jesus Christ; and to answer arguments raised against their faith and the moral values it teaches. The teacher references numerous books of apologetics, morality, spirituality, and other Catholic topics, especially the writings of Pope John Paul II. Other materials used by the teacher include Internet sites and published materials which deal with these issues; Theology of the *Body* by Pope John Paul II and commentaries on his work; and Papal documents, other Church documents, pastoral letters by bishops. The course uses the following methods: lectures and class discussions, reading and discussion of materials listed above, written analysis of some of the material, student-initiated discussions on issues they have encountered, guest speakers, especially alumni to talk about issues they have faced since high school, pro-life speech assignment, and weekly chapel visits; students prepare and lead the devotions. Students are tested every two to three weeks with short answer, essay, and critical thinking questions. Students are given assignments based on readings and class discussions. Cumulative midterm and final examinations are given. Students write and deliver the pro-life speech.

**Materials:** *Building the Civilization of Love* (Anne Carroll), Holy Bible

**Course Fee:** \$20

**Prerequisites:** 70+ in Rel 11 and L&L (students that don't qualify are required to take Mrs. Carroll's 2-week summer school course)

**Note:** This course is required on campus for a Seton diploma.

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## Faith & Finance (*elective grade for grade 11 or 12, grade 10 with permission*)

1 credit

A practical course designed to teach skills fundamental to the spiritual life and personal finances. Students develop a basic financial vocabulary as they learn about budgeting, wealth, loans, checking accounts, credit, saving for retirement, and taxes. The basic principles of the spiritual life are taught. Spiritual topics covered include (not all listed): growing your faith and Saint John Paul II's New Evangelization, self-knowledge (personality, temperaments, virtues, and vices), daily personal prayer, the concept of interior freedom, and Ignatian discernment. Students also learn how to develop personal goals—both spiritual and financial. Basic skills and content knowledge in Faith and Finance are acquired through individual and group classwork, class discussion, and brief quarterly projects. Both the midterm and the final are projects. (A significant amount of the Midterm and Final projects are done in the classroom.)

**Textbook/Materials:** All supplied by school: "Redemptoris Missio" by Pope John Paul II, *Interior Freedom* by Fr. Jacques Philippe, The Bible, various handouts and worksheets.

**Course Fee:** none

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## Theology of the Body & Spiritual Life *(elect. grade for grade 11/12)*

*1 credit*

For the 2023-24 school year, Seton is offering an elective course for juniors and seniors that will keep you on the edge of your seat. Starting in the Fall, come learn about the life-giving truths found in the teachings of Pope John Paul II's great work, The Theology of the Body (TOB). His writings give us an in-depth look into scripture as he attempts to answer these questions: 1) "What does it mean to be human?" and 2) "How do I live my life in a way that brings true happiness and fulfillment?" The semester course uses powerful visuals, sacred art, videos, recordings, and music that helps bring to life the masterwork of JPII. Quizzes and tests are open notes. The course is taught by Mrs. Duran. TOB reveals to us that our visible body is designed to reveal the invisible, all that is sacred and divine within us. Our bodies should play an integral role in our prayer life. The body expresses how and what our souls are praying, both in our daily lives and in the liturgy of the Church, especially in the celebration of the Eucharist. The early church encourages us to offer our bodies and their whole being as a prayer offering pleasing to God. In the Spring semester, Mr. Heisler will teach students in a new and exciting manner how to place the body and soul under the action of the Holy Spirit, by bringing the body ever closer to the soul so it can submit to the loving and firm guidance of the Spirit of God, all through prayer. By using key concepts from Introduction to the Spiritual Life, by Brant Pitre, the course is designed to help students seek communion with God by means of various forms of prayer, creative teaching, fun and lively discussion. Quizzes and tests are open notes.

**Textbook/Materials:** Bible and TBA

**Prerequisite:** Must be a junior or senior

**Course Fee:** TBA

**Grammar 9** (*required 9<sup>th</sup> grade*)

1 credit

The goal of this course to build a deeper understanding of the way words are used to communicate more effectively in writing by learning to construct and deconstruct sentence structure, identifying and using parts of speech in a sentence effectively, and writing more clearly and cohesively. In the first semester, students will review the eight parts of speech and the parts of the sentence including subjects, predicates, and classifying sentences by purpose. They will then review the three types of phrases and how to use them properly in a sentence. They will diagram all types of phrases in a sentence. Next, they will review independent and subordinate clauses. They will classify sentences by structure and diagram the sentences properly. Lastly, they will look at agreement of subjects and verbs and pronouns and their antecedents in a sentence. During the second semester, students will review pronoun cases and clear reference in a sentence. They will explore verb tenses, voice, and mood and how to use them consistently in a paragraph. Students will look at how modifiers are used in a sentence correctly and correct use of negatives. Lastly, students will review all rules for capitalization and punctuation. During the entire year, students will be working on vocabulary using *Sadlier Vocabulary Workshop Level D*. Students will be doing exercises that practice using the words in context and using synonyms and antonyms of the word. They will have weekly quizzes on each unit. A midterm for first semester grammar concepts and a separate vocabulary midterm for Units 1-8 are given. A final exam is given that covers all the material taught in this course. Also, a final vocabulary exam is given that covers units 9- 15.

**Textbooks:** *Warriner's Handbook 4th course* (textbook), *Warriner's Handbook 3rd course* (workbook), *Sadlier's Vocabulary Workshop Level D* (all provided to student)

**Note:** Students who receive a 93+ in Grammar 7 or Grammar 8 and earn a score of at least 80% on the Grammar 9 Exemption Test are exempt from the Grammar 9 course. Exempt students will still be required to complete *\*Sadlier Vocabulary Workshop Level D\** in the form of quarterly tests, which will be counted as 10% of the English 9 grade.

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**Language and Logic 11** (*required on campus for graduation*)

1 credit

Junior Year Language and Logic combines three areas of study: Grammar, Logic, and Vocabulary. *Grammar* elements are introduced following the textbook, *Warriner's Sixth Course*. To clarify and detect difficulties, oral practice follows using the exercises in the text. The "Review Exercises" that appear throughout the text and at the end of each chapter are assigned for written work. Additional practice if needed is given through worksheets. Diagramming is done throughout the first semester usually during class time with students working at their desks and at the chalk board. Some class time is used for students to work together in pairs or small groups. Quizzes and tests are used in evaluation. For *Logic*, material is presented through lecture. Real-life examples/application are given. The text is supplementary. When covering the fallacies each student creates a product and then tries to "sell" it to the class using fallacious advertising. When covering syllogisms and symbolic logic, much class time is spent practicing together and worksheets are given for further practice. Quizzes and tests are used in evaluation. For *Vocabulary*, three or four chapters are covered each quarter. Stories that the vocabulary words bring to mind help give life to the class and make the words more memorable. Tests that emphasize the words in context, primarily through summaries of great works of literature, are given every other week. There is a midterm and a comprehensive final exam.

**Textbook:** *Sadlier's Vocabulary Workshop Level F*, *Warriner's Grammar and Composition, Sixth Course*

## English 9 (required grade 9)

UPDATE ON CLASS COMING

1 credit

This course surveys genres of Western Literature through poetry and prose. Each quarter explores a different genre: poetry, drama, short stories and the novel. Students are introduced to classics such as \*The Odyssey, Julius Caesar, Oliver Twist\* and a selection of short stories. Through both independent and class read-alouds, these works are discussed with attention to theme, voice and literary devices. Discussion is an integral part of digesting these works. A large concentration is also devoted to honing the students' skills as writers. Creative writing projects, as well as both research and persuasive essays, give the students the opportunity to communicate through the written word.

**Textbook:** *Adventures in Appreciation* (Olympic Edition) Harcourt, Brace and World

**Summer Reading:** *Animal Farm*—Orwell, *The Hiding Place*—Ten Boom; Stories (available online):

Chesterton—The Blue Cross, The Invisible Man; O'Connor—First Confession; Asimov—The Fun

They Had; de Maupassant—The Dispenser of Holy Water; Callaghan—All the Years of Her Life

**Optional Summer Reading:** *The Great Divorce*—Lewis; *The Song of Bernadette*—Werfel

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## English 10 (required grade 10)

1 credit

In English 10 students will study American Literature beginning with the Colonial/Puritan Period, extending into the Revolutionary Period, followed by the eras of Romanticism, Realism, Modernism, and finally ending with Southern American Literature. In this course students will better understand the founding of our country, the characters that have made America what it is, and the endurance and tenacity of the American people throughout the decades of this nation's existence. Students will be exposed to the great speeches and documents of our nation's founders as well as the beautiful language and groundbreaking philosophies of the American Romantics and Transcendentalists. In addition, sophomores will study the humor and satire of Twain, the symbolism of Fitzgerald, and the beautiful yet biting lessons of the late-twentieth-century Southern writers. This course includes four major essays—a book review, an expository essay, a persuasive essay, and a research paper. Sophomores in this course will become more proficient writers through weekly journaling, through peer review, and by following a writing process to compose their quarterly essays. This course has a midterm and a comprehensive final exam.

**Textbook:** *Adventures in American Literature*, Heritage Edition Revised; *Sadlier Vocabulary Workshop*

*Level E*; *Warriner's English Grammar and Composition, Fourth Course*; *The Scarlet Letter*,

Hawthorne; *The Adventures of Huckleberry Finn*, Mark Twain; "Twelve Angry Men," Arthur Miller;

*The Great Gatsby*, F. Scott Fitzgerald; *To Kill a Mockingbird*, Harper Lee

**Summer Reading:** *The Sea Wolf*—Jack London, *The Pearl*—John Steinbeck, Stories (available

americanliterature.com) Poe—"The Masque of the Red Death"; Irving—"Rip Van Winkle", "Legend

of Sleepy Hollow"; O. Henry—"A Retrieved Reformation"

**Optional Summer Reading:** *My Antonia*—Willa Cather, *Introduction to the Devout Life*—St. Francis de

Sales

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## English 11 (required grade 11)

1 credit

The goal of this course is to engage the students where they are in their reading of the classics and their ability to write about literature to encourage improvement in reading comprehension and critical thinking in reference to the material. The course has a special focus on “the 7 characteristics of a classic” as presented in the book *Invitation to the Classics*, edited by Louise Cowan and Os Guinness. The textbook covers the history of literature as well as various literary cultures around the world (Europe/Africa/Asia – both Middle and Far East) and is used exclusively for the required reading material. Along with several excerpts and short stories, we read three plays in full: *Antigone*, *The Tempest*, *The Misanthrope* (each is in the textbook). Seton’s writing program continues junior year with specific quarterly focal points: Poem, Short Story, Research Paper, Critical Review (taken from a selection of classics NOT in the textbook). Various writing assignments throughout the quarters encourage the students to write freely concerning their thoughts on the material covered and then to organize these thoughts into clearly organized and well supported essays. Finally, the literary terms program continues junior year; several new terms are added to the list of terms already accumulated from 7th – 10th grade. A midterm for the first semester is given. A final exam is given that covers only the second semester material.

**Textbook:** *Adventures in World Literature*, classic edition – 1970.

**Summer Reading:** *The Count of Monte Cristo*, *Till We Have Faces*

**Optional Summer Reading:** *The Moonstone*, *Story of a Soul*

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## English 12 (required grade 12)

1 credit

Students in English 12 will become mature Christian readers and writers, able to perform academically on a college level in understanding, evaluating, researching, and writing about British literature. They will know the history of British literature from the Anglo-Saxon through the Victorian and Modern Periods and will be familiar with major authors, genres, and works from these eras, particularly through studying the intellectual, religious, social, and historical events and circumstances of each period. Periods include the Anglo-Saxon Period, Late Medieval Period, English Renaissance, Eighteenth Century, Romantic Age, Victorian Era, and Modern Period. They will gain appreciation of their literary heritage from the British Isles and will evaluate works in light of their Catholic faith, understanding the truths that may be revealed even through works of fiction. They will learn to read and analyze literature actively and independently, as well as discuss literature intelligently using literary terms. The summer reading works (*Pride and Prejudice*, *The Screwtape Letters*, and a student choice novel) will form a foundation for discussing and writing in the first quarter. Literature study throughout the year consists of a combination of novels, plays, short stories, poetry, and religious writings. In the second quarter, students will enjoy bringing literary drama to life by preparing and performing scenes from *Hamlet* at the annual Hamlet Night, a Seton School tradition. Students will compose multiple literary analysis essays, including a summer reading analysis, analysis of *Hamlet*, and reviews of *Brideshead Revisited* by Evelyn Waugh and *The Winter's Tale* by William Shakespeare. The composition curriculum includes training in the sequential stages of the writing process, such as outlining, drafting, editing and revising, proofreading, and peer review. In the third quarter, students will prepare 500-600-word persuasive essays for the annual school persuasive writing contest. As a culmination of their studies in composition, in the fourth quarter, students will write literary research papers of about 1750 words, including all scholarly apparatus and documentation in MLA format. To continue building vocabulary, students complete exercises teaching the use of words in the *Sadlier Vocabulary Workshop Level G* book, including definitions, synonyms, and antonyms. The midterm tests course material covered in Quarters 1 and 2, and the final exam tests course material covered in Quarters 3 and 4. A separate vocabulary midterm covers Units 1-8, and the vocabulary final covers Units 9-15.

**Textbook:** *Adventures in English Literature*, Heritage Edition Revised; *Sadlier Vocabulary Workshop* Level G; *Warriner’s English Grammar and Composition*, Fifth Course; *Hamlet*, William Shakespeare, Signet Classic Edition; *Brideshead Revisited* by Evelyn Waugh; *The Winter’s Tale* by William Shakespeare.

**Summer Reading:** *Pride and Prejudice*, Jane Austen; *The Screwtape Letters*, C.S. Lewis; Student Choice novel (from a list)

**Optional Summer Reading:** *The Once and Future King*—White, or *Idylls of the King* —Tennyson; *Edmund Campion*—Waugh

**Course Fees:** n/a

**Note:** Completion of **English 12** on campus is a **Seton diploma requirement**.

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### **Speech** (*elective grade 9-12*)

1 credit

This course seeks to enable the student to learn and understand the basics of speech writing and presentation and be able to transfer those abilities to formulating and presenting good arguments in a debate structure. Course objectives are as follows: 1) to be able to build a speech directed at a specific audience with valuable content in an organized fashion, 2) to be able to perform a speech with poise, a strong and convincing voice in an animated fashion with appropriate gestures in a way that will be interesting and moving to the audience, and 3) to be able to research and present a convincing argument on various debatable issues. There will be weekly presentations of various types, a year-long project that involves researching and writing a persuasive paper (which will replace the first semester exam) and then presenting your arguments in an extended presentation (which will replace the final exam).

**Textbook:** *Well Spoken* by Erik Palmer

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### **Writing for Publication** (*elective grade 9-12*)

1 credit

Writing For Publication introduces students to various journalism techniques, such as the Inverted Pyramid style for hard news, editorial opinion writing, and more in-depth storytelling in feature writing. Students learn how to set up and conduct interviews, gain skills in research and news gathering, and write news articles for the on-line school newspaper, *The Inquisitor*. Students will be assigned a beat and have editorial and layout responsibilities. Once the newspaper production process is mastered, creative writing will be incorporated. Students will gain experience in various creative writing techniques to include, but not limited to, keeping a journal, flash fiction, short stories, poetry and writing relays. There is no mid-term or final, but a completed binder with all relative assignments will be turned in at the end of each quarter to be graded.

**Materials required:** 1 marble notebook, a 1-inch binder with 4 tabs

**Prerequisites:** 86%+ in English, and a love of writing

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### Algebra I *(required)*

1 credit

This college prep level course provides students with a strong foundation for higher-level math courses. The topics emphasized are simplifying numerical and variable expressions; integers; solving equations, inequalities and systems; word problems; graphing linear and quadratic equations and inequalities; simplifying and factoring polynomials; and simplifying rational and radical expressions. The comprehensive midterm exam covers the first semester. The comprehensive final exam covers the entire year while emphasizing concepts from the second semester.

**Note:** All Algebra classes take the same midterm and final exam made by the math department.

**Textbook:** *McDougal Littell Algebra I* (Larson, Boswell, Kanold, & Stiff) ISBN 978-0395937761– *provided for the student*

**Materials needed:** Graphing calculator TI-84 (*TI-83 is sufficient but if buying new it is recommended that the TI-84 be purchased*). Graph paper. Pencil. Eraser. Teacher discretion on notebooks.

**Prerequisite:** Must have a 70% in Pre-Algebra to take Algebra I. With department approval, open to 7<sup>th</sup> graders who test into this course on the placement exam.

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### Geometry *(required)*

1 credit

The goals of the course are to give students an understanding of shapes and angles which will enable them to see the world around them in a more concrete and comprehensive way, to instill an appreciation of the rigorous logic necessary to understand geometry, and to prepare them for higher level math courses. In the first semester, topics include basic logic and symbolic logic, such as converse, inverse, contrapositive and biconditional. Through the year, they will learn to assemble two-column, paragraph, indirect, and analytical proofs. Other concepts are parallel and perpendicular lines, angle relationships, midpoints, length, various types of triangles, showing that they are congruent or similar, and types of quadrilaterals and their many properties. We also do various constructions with a compass and straight-edge throughout the year. In the second semester, we explore more polygons including regular polygons, their angle measures, areas, and perimeters. We delve into circles and their properties, including angles, arcs, and segment lengths from chords, tangents and secants, the equations of circles, area of circles, sectors, and segments, arc length and circumference. Finally, surface area and volume of solids are taught, and a comparison of length, area, and volume of similar solids. A midterm exam is given after the first semester, and a comprehensive final exam is given at the end of the year.

**Textbook/Materials:** *Geometry*, McDougal Little 2004; ISBN:0-618-25022-0; Graphing calculator TI-84 (*TI-83 is sufficient but if buying new it is recommended that the TI-84 be purchased*).

**Prerequisite:** Must have a 70% in Algebra I.

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### Algebra II with Trigonometry *(required)*

1 credit

This second year of algebra extends the major concepts of Algebra I. Students will work with radicals, quadratics, polynomial and rational functions extending the concepts over the complex numbers, higher order polynomials and expressions with rational exponents. Units on matrices, logarithmic and exponential functions, operations with functions, and conic sections are also covered with an introduction to statistics and trigonometric functions using the unit circle. Graphing each type of function is integral to the course to build intuition of function behavior. Designed to develop higher order thinking the course also incorporates



advance word problems. The comprehensive midterm exam covers the first semester. The comprehensive final exam covers the entire year while emphasizing concepts from the second semester.

**Textbook:** *Algebra II* (McDougal Little) – provided for the student

**Materials needed:** Graphing calculator TI-84 (*TI-83 is sufficient but if buying new it is recommended that the TI-84 be purchased*). Graph paper. Pencil. Eraser. Teacher discretion on notebooks.

**Prerequisite:** Students must pass Algebra 1 and/or Geometry with 75% or higher.

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### Pre-Calculus (*math elective grades 10 - 12*)

1 credit

Students will become well acquainted with functions of many types and understand transformations which apply to all types. They will be prepared not only for calculus, but also for statistics, physics and chemistry, and much of non-calculus college mathematics. In this course we build on the student's knowledge of functions and graphing. The class explores tools of graphing including vertical, horizontal, and slant asymptotes, zeroes, end behavior (limits), even and odd functions, vertical and horizontal shifts, expansions, and compressions. The course includes a thorough treatment of trigonometry: unit circle, special values, many identities, proving identities, solving trig equations and inequalities, Laws of Sines and Cosines, vector trigonometry, the trigonometry of complex numbers including DeMoivre's Theorem and roots of complex numbers in trig form. Sequences and series, arithmetic, geometric, and other types are explored, and their sums and partial sums. Mathematical induction and the binomial theorem are also included. The course touches on combinatorics and probability, utilizing permutations, combinations, the counting principle, and other tools. A midterm exam is given at the end of the first semester, and a comprehensive final exam at the end of the year.

**Materials:** Graphing calculator (TI-83 or -84) – student must own

**Textbook:** *Precalculus with Limits: A Graphing Approach* – Third Edition. Houghton Mifflin 2001

**Prerequisites:** 70% or above in Algebra II and geometry

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### Calculus (*math elective grades 11 - 12*)

1 credit

Students will develop the knowledge, skill, and confidence to enter into college calculus, having become proficient in many of the topics typically covered in the first year of college calculus, and to be able to begin a successful program of undergraduate mathematics, should they choose. Students will be well-qualified to begin a program of study in any mathematics related field, such as physics, engineering, or business. Students will develop an appreciation, even a love of calculus, its simple beauty, and its utility. Course objectives are as follows: 1) to acquaint students with the basics of limits, differentiation, and integration, the fundamentals of calculus, 2) to enable students to become proficient in the calculations of limits, derivatives, and integrals, of the types listed below in the outline, through pencil and paper methods. 3) to familiarize students with graphing calculators, so that they will be able to perform all the tasks specific to calculus on the calculator, including those listed in *objective 2* above, 4) to introduce students to proof in calculus, by in class proofs of many of the theorems of calculus, and by challenging them from time to time to do proofs themselves, 5) To facilitate understanding of the concepts of calculus, not just rote mechanical ability, and 6) to demonstrate the extensive practicality of calculus, through the use of examples from physics, statistics, business, engineering, etc. Topics of this course include many types of limits, derivatives and integrals of polynomials, rational functions, radical, power, and exponential functions, trigonometric functions, and logarithmic functions. Implicit and double derivatives are covered, as are optimization, related rates, enclosed areas and volumes of revolution, among others. A midterm exam is given at the end of the first semester, and a comprehensive final exam at the end of the year.

**Materials:** Graphing calculator (TI-83 or -84) – student must own

**Textbook:** *Calculus – Seventh Edition*. Houghton Mifflin. Boston, MA. 2002.

**Prerequisites:** 70% or above in PreCalc or approval of department head

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**Calculus II** (*math elective grade 11 or 12*)

1 credit

This course continues the topics of Calculus with more integration methods and more types of problems, including integration by parts, trigonometric substitution, partial fractions, and improper integrals. The course practices various methods of numerical approximations for integrals. The class delves deeply into sequences, series, and convergence, culminating in Taylor polynomials, Maclaurin series, and power series. There is a midterm exam after the first semester, and a comprehensive final exam at the end of the year.

**Materials:** Graphing calculator (TI-83 or -84) – student must own

**Textbook:** *Calculus – Seventh Edition*. Houghton Mifflin. Boston, MA. 2002.

**Prerequisites:** 70% or above in Calculus or approval of department head

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**Statistics DE** (*math elective grade 12* )

1 credit

*See Dual Enrollment Possibilities section for a detailed description*

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### **World History** *(required grade 9)*

1 credit

This is a broad survey course of the history of Western Civilization from the Creation to the late 19th Century. The course will begin with a survey of early histories and cultures, such as Ancient Rome and Greece. Then the course will follow the rise of Christendom, and the vital role it played in securing and protecting the Western world for hundreds of years. Key topics of this course include Ancient Rome, the 100 Years War, the Crusades, the Protestant Revolt, Henry VIII, and the schism of England, the French Revolution, and many more. In this course the students will be tested by daily quizzes, regular tests, one book review in the first semester, and a 650-word research paper in the second semester. Midterm and final exams will be given. The final exam will test key concepts from the first semester, but most of the material will be from the second semester.

**Note:** The second teacher will take the class at the beginning of the second semester.

**Textbooks/materials:** Notebook, pen

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### **American History** *(required grade 10-12, Class of -25-`29 required grade 10)*

1 credit

This survey course of American history goes over the history of the United States of America. The first semester focuses on the exploration and settling of the continent, transitions to a study of the early English colonies. The early wars and movements that led up to the American War for Independence are given appropriate detail as well as the war itself. The semester traces the political, religious, and social movements and debates that led up to the American Civil War with an emphasis placed on the debate over the evils of slavery. The second semester examines the transition of America from a more isolated country to an international world power. The semester will cover the major topics of Reconstruction, Jim Crow, and civil rights, both World Wars, the Great Depression, and the Cold War. The semester will finish by examining the presidencies and years of both Ronald Reagan in the 1980s and Barrack Obama in the 2000s. The goals of the course are to teach the students the great aspects of American History and its heroes, as well as addressing the low points of the country's history and the lessons to be learned from them. Also, a key goal of the course is to teach the students to conduct their own historical research and produce a proper historical over 650-page research paper defending a historical thesis. The students will be tested through a variety of testing methods, such as quizzes, tests, and research papers. Midterm and comprehensive final exams will be given.

**Textbooks/materials:** Notebook, pens

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### **American Government** *(required grade 12)*

1 credit

This course offers a study of the workings and philosophy of American Government. The course will cover various topics of political philosophy, such as origins of a state, justice, law, constitutions, voting, citizenship, and rights. The course will also provide practical knowledge about the structure and workings of the current government, elections and voting, and political parties. The course will also examine key presidents and their terms each week to evaluate what makes an effective president. The course has goals of providing students with the basics of forming their own political worldviews and being prepared to go out and vote as a knowledgeable citizen. The course will also do a study on the topic of socialism, how it works/fails, and how it is immoral. The students are evaluated by regular quizzes and tests, weekly

homework, and two 850-page research papers - one each semester. There will be a midterm and a comprehensive final exam.

**Textbooks/materials:** *Fahrenheit 451* by Ray Bradbury; *The Many Faces of Socialism* by John-Robert DiVietri; Multi-subject notebook, pens.

**Course fees:** \$15-20

**Prerequisites:** American History

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## History of 20<sup>th</sup> century (*elective grades 11-12, grade 10 with permission*) 1 credit

This upper-level history course examines the complex and important 20th Century. The main focus will be on Europe and the major upheavals and movements of the century. However, specific units will cover modern China, Korea, as well as Israel and the Middle East. The course will be focusing on the dangers of radical political ideologies, such as communism, fascism, and nationalism. The first semester will cover the First World War, the Communist Revolution in Russia, and modern China. The second semester focuses on Korea, Israel and the Middle East, and the Second World War. The primary goal of the course is for students to understand the dangers of communism and its constant and inherent threat to all societies and people. Also, a key goal of the course is to teach the students to conduct their own historical research and produce a proper historical 1000-word research paper defending a historical thesis. The students will be tested through a variety of testing methods, such as quizzes, tests, research papers, and a midterm and final exam.

**Textbooks/materials:** Notebook, pens

**Prerequisites:** World History

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## Economics (*elective grades 11-12*) 1 credit

The goal of this course is to introduce the students to basic macro and microeconomic concepts. Both market structures and government involvement in the market are covered. There is a strong focus on cost/benefit analysis for economic choice in various areas of human activity: business, labor, money, banking, finance, business cycles. Catholic Social teaching is referenced consistently throughout the course to encourage an understanding of economics as a tool rather than an impersonal force, with a special focus on Pope Benedict XVI *Caritas in Veritate* during the 4<sup>th</sup> quarter. Quizzes/Tests focus on the objective material. Quarterly presentations encourage critical economic thought in areas of interest to each student specifically. A midterm for the first semester is given. A final exam is given that covers only the second semester material.

**Textbook:** *Economics: Principles in Action*, 2001

**Prerequisite:** must be a junior/senior (sophomores who have maintained a GPA of 93+ may be admitted if they have obtained teacher permission prior to course scheduling)

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### **Earth and Space Science** (9-12 grade elective, lab science )

1 credit

E&SS is a lab course which will cover the following subjects: 1) The Composition of the Earth: matter, minerals, and rocks; 2) Surface processes: weathering, erosion, mass movements, wind, glaciers, surface & groundwater; 3) Atmospheres & Oceans: meteorology, storms, climate, oceans & their environments; 4) Dynamic Earth: plate tectonics, volcanism, earthquakes, overview of mountain building; 5) Geological Time: fossils, rock records, geological time scale, theories of early life; 6) Environmental overview: stewardship & preservation of Earth's resources; and 7) Space Science: Sun-Earth-Moon system, solar system, stars and stellar evolution, galaxies & beyond. This class will cover these topics using an assortment of learning modalities to meet the needs of a variety of learners: audio/visual lectures, manipulatives/labs, reports and projects, documentary/video clips, field experiences, vocabulary, and other homework assignments. There is one project per quarter consisting of either a 10-15 slide PowerPoint presentation, a physical model with a 4-5 min. oral explanation, or a 3-4 page written essay. Several labs are planned throughout the year to enhance understanding of the content presented. The midterm will include the materials covered in the first semester; the final exam will include the materials covered in the second semester.

**Textbooks/materials:** *Earth Science: Geology, The Environment & The Universe*, Spiral Notebook, Sturdy Folder, Pencils/Pens, Marble Notebook (for vocabulary)

**Course Fees:** \$20 lab fee

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### **Biology** (9 – 12 grade lab science)

1 credit

The goal of biology is to instill an understanding of basic biological concepts and how they apply to the student, the decisions they make in their everyday lives, and to our world. Topics covered will include the characteristics and study of life, an introduction to chemistry, cellular structure and function, cellular reproduction, photosynthesis, genetics, the scientific method, organisms and their environment, and human/animal biology. Laboratory experiments will be performed. Additionally, the student will conduct a teacher approved science fair project throughout the first and second quarters and present their findings at the school science fair. This participation will fulfill Seton's graduation requirement. The students will also read scientific based articles and analyze the results and data found. The students will then present the topic and findings of their article to the class. To meet the needs of all learners, the class will be taught using lectures, videos, visual aids, handouts, and classroom/laboratory activities in order to enhance the understanding of the biological concept being discussed.

**Optional Notes:** Regular quizzes and end of unit tests will be given; the midterm will cover materials from the first semester; the final exam will cover materials from the first and second semester with a focus on second semester materials.

**Textbook/Materials:** Biology (1994) by Essenfeld, Gontang, and Moore (*provided*)

**Course fees:** \$40 lab fee

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## Advanced Biology (9 – 12 grade lab science)

1 credit

During first semester, students will be proficient in the scientific method and be able to pursue an open inquiry project of their own design in preparation for participation in Seton School's science fair. This participation will fulfill Seton's graduation requirement. Students will develop a basic understanding of general Biology principles. These include Characteristics of living things and organization of Nature, along with molecular and cellular structure and function of living organisms. Material covered includes characteristics of living things, organization of nature, scientific method, laboratory studies, basic chemistry, organic chemistry, living cells, energy and metabolism, cell division. During second semester, students will participate in Seton School's science fair. Students will understand the basics of genetics and inheritance along with studying the general classification of living organisms. Through dissection of preserved specimens, students will address comparative anatomy of at least three different organisms (annelid, amphibian, and mammal). Material covered includes meiosis, genetics, inheritance, chromosomal mutations and syndromes, classification of living organisms, plant classification, animal classification, dissection of preserved specimens, and inspection of anatomical models of human torso with organ systems, eye, and brain. Chapter Tests will be held following each major section listed. Midterm Examination will evaluate students on their understanding of the major principles presented in the 1st Semester. Final Examination will evaluate students on their understanding of the major principles presented in the second semester with only major elements from first semester.

**Textbook/Materials:** *Biology* (1994) by Essenfeld, Gontang, and Moore (*provided*)

**Course fees:** \$45 lab fee

**Prerequisites:** A or B in Physical Science in 8th Grade and approval of instructor. Placement Test may be utilized at the discretion of the Science Department to evaluate student readiness for Advanced Biology

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## Chemistry (10 – 12 grade lab science)

1 credit

The goal of chemistry is to instill an understanding of basic chemistry concepts and how they apply to the student and the world in which he/she lives. Topics covered will include matter, elements, atoms, and ions, basic nuclear chemistry, nomenclature, measurements and calculations, chemical composition, introduction to chemical reactions, reactions in aqueous solutions, chemical quantities, and energy. Laboratory experiments will be performed to give students the opportunity to explore these topics for themselves and to see chemistry in action. In the first quarter, students will explore one specific element and write a 1-2 paper and do a creative project (picture, poem, new article, etc.) to help them gain an appreciation for how elements are used in our daily lives. In the third quarter, students will work in small groups to research a famous chemist (2-3 page paper) and conduct a 5 minute "live" interview with the scientist for the class to help them gain an appreciation for the history of science. To meet the needs of all learners, the class will be taught using lectures, videos, hands on activities and problem solving at the whiteboard. Labs are performed throughout the year to help students gain skills and enhance understanding of classroom concepts.

**Note:** The midterm will cover materials from the first semester; the final exam will cover materials from the first and second semester with a focus on second semester materials.

**Textbook/Materials:** *World of Chemistry* (2002) by Zumdahl, Zumdahl and DeCoste (*provided*), scientific or graphing calculator, some graph paper, 1" 3-ring binder with note paper, textbook cover

**Course fees:** \$35 lab fee

**Prerequisites:** Algebra I, Geometry, Biology. May take concurrently with Geometry with approval from teacher.

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## Physics (10 – 12 grade lab science)

1 credit

The goal of the course is to give students a fundamental understanding of how the physical world and universe have been created – how they work - and hence a greater appreciation of creation. Additionally, this course gives students a valuable introduction to the academic field of physics and a big step toward a possible career in science or engineering. The first semester deals primarily with mechanics, which includes kinematics (the study of motion, displacement, velocity, and acceleration) and dynamics (the study of force, energy, and the causes of motion). Included in this semester are treatments of vectors and vector analysis, graphical analysis of motion, rotational dynamics, simple harmonic motion, gravitation, Kepler’s Laws of planetary motion, friction, momentum and its conservation, work and power, and potential and kinetic energy. Some time is spent at the end of second quarter reviewing for the midterm exam, which covers all material treated in the first semester. In third quarter, waves are treated. This includes waves in general, types of waves, wavelength and frequency, wave interference and interaction; sound waves including pitch (frequency), Doppler shift, beats, resonant frequencies, and open and closed pipes; and finally light including the electromagnetic spectrum, speed of light in a vacuum and in other transparent substances, illumination, color of visible light, red shift, real and virtual images of curved mirrors and lenses, reflection, refraction, and diffraction, Snell’s Law, and indices of refraction. Fourth quarter, we delve into electricity. Topics covered include the source of all electricity, protons and electrons, Coulomb’s Law, electric fields, potential difference, current, resistance and Ohm’s Law, capacitance, series, parallel, and combination resistance circuits. A number of demonstrations and labs are done throughout the year to help comprehension and reinforce concepts. Toward the end of fourth quarter, we spend some time reviewing the material for the whole year. The final exam is comprehensive.

**Textbooks/materials:** *Physics Principles and Problems*; Glencoe, 2009, ISBN: 978-0-07-880721-3; Graphing Calculator

**Prerequisites:** Physical Science; have taken or is concurrently taking Algebra II

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## Chemistry II (11-12 grade lab science)

1 credit

Chemistry II will review the basic chemistry principles learned in chemistry and will continue to explore chemical reactions, processes, and phenomena to help prepare students for college level courses. Topics covered will include energy, modern atomic theory, chemical bonding, the properties of gases, liquids, and solids, and acid-base chemistry. Laboratory experiments will be performed to give students the opportunity to explore these topics for themselves and to see chemistry in action. In the first quarter, students will work in groups to explore one specific energy source (2-4 page paper) and give a 10-15 minutes presentation of their research to the class. In the third quarter, students will research and give a 10-minute mini-lesson on a specific topic to consider how we are “living better through chemistry”. To meet the needs of all learners, the class will be taught using lectures, videos, hands on activities and problem solving at the whiteboard. Labs are performed throughout the year to help students gain skills and enhance understanding of classroom concepts.

**Note:** The midterm will cover materials from the first semester; the final exam will cover materials from the first and second semester with a focus on second semester materials.

**Textbook/Materials:** *World of Chemistry* (2002) by Zumdahl, Zumdahl and DeCoste (*provided*), scientific or graphing calculator, some graph paper, 1” 3-ring binder with note paper, textbook cover

**Course fees:** \$35 lab fee

**Prerequisites:** Algebra I, Geometry, Algebra II, Biology, Chemistry. May take concurrently with Algebra II with approval from teacher.

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## Advanced Lab Science (*lab science grade 12*)

1 credit

This course has been developed for and is open to those high school seniors who are interested in learning more about science through study of college-level material presented in modular form. This course provides an introduction to multiple scientific disciplines in order to expose the students to options of fields of study and professions. They will learn the language of science, learn to communicate and understand the workings of the human body, be more attuned to the advances currently being made in science, become technically competent in dissection techniques and in “learning through doing”, become competent in various laboratory techniques, be introduced to a number of professionals who show enthusiasm in their work, and be exposed to real life scientific work through field trips. This “sneak-peek” into the depths of science will help them realize that solid training in the introductory courses opens up possibilities for cross-disciplinary study and scientific discovery. Some of the major units of study include medical terminology, anatomy and physiology, forensics science, the cardiovascular system, scientific literary research and current events, fetal pig dissection, marine biology, and environmental science. Yearly field trips are made to a forensic lab, to observe an open-heart surgery, and to sail on the Chesapeake. Once a quarter the students will do an 8-minute mini-lesson (usually Power-Point) or write a 2–3-page paper on a current event in science or on a science topic of interest to them. Although there are many tests throughout the year, there is no formal mid-term or final; instead the students will be assessed on their lab notebook and a final paper.

**Textbooks/materials:** None

**Course fees:** \$40 lab fee

**Prerequisites:** Biology

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## 3D Printing (*Priority placement in this class will be given to upper classmen.*)

½ credit

Offered Spring semester, “3D Printing” is a ½ credit one-semester hands-on introductory course in 3-Dimensional printing. The course objectives are: 1) Attain a basic understanding in how to use Computer-Aided Design (CAD) software and 3D printers to produce physical 3-D objects; and 2) Be able to produce objects that reflect Christian art, teachings, or fundamental truths. Generalized instruction in working with CAD software will enable students to make simple objects such as: jewelry, picture frames, key chains, games (Tick-Tack-Toe, peg games), specialized containers and more. Students will be challenged to use their creativity to develop new products. Items generated in-class will have a connection to Christian art, teachings, or fundamental truths. Students will have opportunities to work individually as well as in teams to create objects. Students will systematically vary key production variables to gain a good understanding of the complexities associated with 3D printing. Students will gain an understanding of the process involved in trying to optimize a design’s quality while trying to minimize the production time as a function of the capabilities of the printers in the class. The final assessment for this class will be a group project. In this project students will generate a virtual model, produce it, market it, and make a 20-25-minute PowerPoint presentation to document their work.

**Class Fees:** \$50

**Prerequisites:** none.

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## Python (*science elective open to grade 12*)

½ credit

Offered in the Fall semester, “Python Programming” is a ½ credit one-semester introductory guide to programming with the Python computer language that covers basic Python programming concepts. The course objectives are:

1. To provide instruction in the fundamentals of programming using Python.
2. Cover basic Python programming that includes:
  - a. Basic Data Types (Integers, Floating point numbers, strings, Boolean)
  - b. Flow control



- c. Functions
  - d. Organizing Data with Lists
  - e. Organizing Data with Dictionaries
  - f. Organizing Data with Tuples
3. To emphasize algorithm development (flowcharting), program construction, coding, and debugging with all the various data types.

This class uses the Mu editor as an interactive shell and for developing and storing Python programs that will be executed with the Python interpreter. Initial programs will focus on basic manipulations using integers, floating point numbers, and strings. Next, flow control will be introduced with emphasis on the following statement types: “if”, “else”, “elif”, “while”, “break”, “continue”. Using PowerPoint, students will develop flowcharts of assignments prior to drafting the algorithms they will program. Built-in Functions will be utilized, and students will learn how to develop their own functions. Concepts of local and global variables will be taught. Instruction in the use of sophisticated data types (Lists, Dictionaries and Tuples) will be provided.

**Class Fees:** none

**Prerequisites:** none.

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**Introduction to Engineering DE (Hoffman)** (*lab science grade 12*)    1 hs credit/ 2 NOVA credits  
*See the Dual Enrollment Possibilities section for a detailed description*

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## Foreign Language

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### Latin I (*required for graduation, grades 7-12*)

1 credit

Latin I seeks to enable the student to learn basic Latin grammar concepts and vocabulary to translate passages by sight reading, to write simple sentences and to understand basic Latin phrases. The study of Latin will show the student the importance of Latin vocabulary in the English language. The student will work on mastery of the following concepts: 1) Five Primary Cases, 2) First 3 Declensions, 3) All 4 Conjugations in the 6 Active and 3 Passive Voices, 4) 200 plus vocabulary words, 5) Translate passages with the use of a Latin Dictionary, 6) Knowledge of the Roman Mythology- specifically the gods and goddesses, and 7) Knowledge of Roman History, Culture, Architecture and Life. Students will be evaluated through daily homework assignments, weekly vocabulary quizzes, grammar quizzes, bi-weekly unit tests, quarterly projects, a midterm, and a comprehensive final exam.

**Textbooks/materials:** *Our Latin Heritage Book I*: Harcourt, Brace, Jovanovich, 1981 Edition

**Prerequisites:** Rising 7th graders who do well on the Grammar Placement Test are eligible to take Latin I. 8th graders who receive an 85% in Grammar 7 are eligible to take Latin I in 8th grade. There are no prerequisites for high school students.

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### Latin II (*elective, grades 8-12*)

1 credit

Latin II builds on the grammar, vocabulary, and reading skills acquired in Latin I. By the end of the year, students will have the knowledge necessary to begin reading unaltered selections from classical authors in Latin III. Each chapter in the book contains a list of vocabulary for mastery, grammar lessons with exercises, readings on historical or cultural topics, and several Latin readings. Homework will be assigned on most nights. Quizzes will be administered on the vocabulary and grammar contained in each chapter, and there will be a test at the end. Students will also complete a special project each quarter and will take a midterm and final exam.

**Textbooks/materials:** Griffin, Welby Lynn. *Latin II: A Two-Year Course in Grammar and Culture (Books IV and V)*. Self-published, 2015.

**Prerequisites:** a 75% in Latin I or prove mastery of Latin I skills

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### Latin III/Latin IV (*elective, grades 9-12*)

1 credit each

Latin III/IV builds on the core skills acquired in Latin I and II, with a special focus on the uses of the subjunctive, gerunds, gerundives, and other advanced points of grammar. Students will also continue to build their vocabulary as they read unaltered selections from classical authors such as Caesar, Cicero, Ovid and Vergil. Students in Latin III will translate short selections from prose authors, while students in Latin IV will read longer selections of both prose and poetry. Homework will be assigned on most nights, and students will take quizzes and tests on vocabulary, grammar and sight translation. There will also be a midterm and final exam.

**Textbook:**

- *Ecce Romani III*. Longman Publishing Group, 1995.
- Steven M. Cerutti (ed.). *Cicero: Pro Archia Poeta Oratio*
- Caroline Perkins, Denise Davis-Henry. *Ovid: A Legamus Transitional Reader*.

**Note:** Latin III/Latin IV are in the same classroom and alternate translation texts.

**Prerequisites:** Students must pass Latin II with a 75% or prove mastery of Latin II skills

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## Spanish I (*elective, grades 9-12, 8<sup>th</sup> with special permission*)

1 credit

Spanish 1 will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information, and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts. Midterm exams will assess learning mastered throughout 1st semester including speaking, listening, writing, grammar, and vocabulary. A final exam will assess learning mastered during 2nd semester including listening, writing, grammar, and vocabulary as well as review basic concepts related to grammar from 1st semester

**Textbook:** *En Español Uno*

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## Spanish II (*elective, grades 9-12*)

1 credit

This is the second component course of beginning Spanish. Emphasis will be placed on all four language skills: listening, speaking, reading, and writing. In addition to learning the Spanish language, in this class you also will begin to acquire knowledge about some of the history, cultures, and norms of the Spanish-speaking world. Both the students and teacher will speak in Spanish in class. By the end of the year, students will have developed the ability to ask questions, make statements and converse in Spanish using familiar material. They also will begin to create short everyday conversations and will be able to recite some prayers. Students will also comprehend basic conversation and utterances about everyday topics and write short compositions, messages and correspondence. Students will be able to read Spanish language materials for practical information in predictable contexts, begin to understand longer articles and readings and develop a strong knowledge of Spanish grammatical structures, including the present, preterit, and imperfect verb tenses. Finally, students will gain cultural insight into the peoples and cultures of Spain, Latin America, and Latinos in the United States. A midterm and a comprehensive final exam will be given.

**Textbooks:** *Beginning Spanish Grammar*. Aragonés, Luis and Ramon Palencia. New York: McGraw Hill, 2015. (ISBN: 978-0-07-177540-3). *Practice Makes Perfect: Intermediate Spanish Grammar*. Nissenberg, Gilda. New York: McGraw Hill, 2013. (978-07-145805-4). *Vistas: Introducción a la lengua española*. Blanco, José, Dellinger, Mary Ann, Donely, Philip and María Isabela García. Boston: Vistas Higher Learning, 2007

**Note:** No summer work is required, but it is recommended that students review Spanish I grammar and vocabulary, particularly the present tense. Students should also try to listen to and read Spanish as much as possible.

**Course Fee:** \$5

**Prerequisites:** 75% or better in Spanish I

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## Spanish III (*elective, grades 10-12*)

1 credit

Spanish III builds upon what was learned in Spanish I and II. This course will provide increased opportunities to use the language through listening, speaking, reading, and writing. In addition to learning the Spanish language, you also will continue to acquire knowledge about some of the history, cultures, and norms of the Spanish-speaking world. Both the students and teacher will speak in Spanish in class. By the end of the year, students will have developed the ability to 1) Ask questions, make statements, and converse in Spanish using familiar and new material, 2) Continue to develop their ability to understand longer articles and readings in Spanish, 3) Write

short compositions, messages and correspondence with increasing grammatical accuracy, 4) Further develop their accuracy when using Spanish grammatical structures, including the different verb moods and tenses, pronoun forms and prepositions, 5) Work to expand their knowledge of Spanish vocabulary, and 6) Gain cultural insight into the peoples and cultures of Spain, Latin America, and Latinos in the United States. A midterm and a comprehensive final exam will be given.

**Textbooks:** *Practice Makes Perfect: Spanish Pronouns and Prepositions*. Richmond, Dorothy. New York: McGraw Hill, 1998. (ISBN: 978-0844273112). *Practice Makes Perfect: Spanish Verb Tenses*. Richmond, Dorothy. Chicago: Passport Books, 1997 (ISBN: 978-0844273341).

**Note:** No summer work is required; however, it is recommended that students review Spanish II grammar and vocabulary, particularly the verb forms. Students should also try to listen to and read Spanish as much as possible.

**Course Fees:** \$5

**Prerequisites:** 75% or better in Spanish II

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### Spanish for Heritage Speakers (*elective*) **NOT OFFERED every year** 1 credit

Spanish for Heritage Speakers is a course specifically designed to address the needs of students who have grown up in Spanish-speaking homes, but that have little formal grammatical training in that language. This course covers the grammar learned in Spanish I and Spanish II, while providing more advanced vocabulary, reading, writing, and cultural assignments. Special emphasis is given to spelling, accentuation, and other skills that are frequently problematic for heritage speakers. After Spanish for Heritage Speakers, students will advance to Spanish III. A midterm and a comprehensive final exam will be given.

**Textbook:** *El español para nosotros: Curso para hispanohablantes, Nivel 1*. Schmitt, Conrad. New York: McGraw Hill, 2014. *Practice Makes Perfect: Intermediate Spanish Grammar*. Nissenberg, Gilda. New York: McGraw Hill, 2013.

**Course Fees:** \$5

**Prerequisites:** Student must have been raised in a Spanish-speaking household. Student must consult with the Spanish department to determine appropriate placement.

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### Spanish IV Adv Review (*elective, grades 10-12*) **NOT OFFERED every year** 1 credit

Spanish IV Advanced Review is Fall-semester course designed to provide a thorough review of material learned in Spanish III to prepare students to be successful in Dual Enrollment 201 in the Spring semester. The course will provide increased opportunities to develop language skills through listening, speaking, reading, and writing. In addition to learning the Spanish language, you also will continue to acquire knowledge about some of the history, cultures, and norms of the Spanish-speaking world. Both the students and teacher will speak in Spanish in class. A midterm and a comprehensive final exam will be given.

**Textbooks:** *Intermediate Spanish Grammar. Aragones, Luis and Ramon Palencia. New York: McGraw Hill, 2015.*

**Note:** No summer work is required; however, it is recommended that students review Spanish II grammar and vocabulary, particularly the verb forms. Students should also try to listen to and read Spanish as much as possible.

**Course Fees:** \$5

**Prerequisites:** 75% or better in Spanish III, Placement Test

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### Spanish 201/ 202 DE (*elective, grade 12*) 1 credit

*See Dual Enrollment section for a detailed description of this course*

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**Spanish V** (*elective, grade 12*)      **NOT OFFERED every year**      1 credit

Spanish V is an advanced course that builds upon what was learned in Spanish I-III, Dual Enrollment 201, and Dual Enrollment 202. This course will provide increased opportunities to use the language through listening, speaking, reading, and writing. In addition to learning the Spanish language, you also will continue to acquire knowledge about some of the history, cultures, and norms of the Spanish-speaking world. Both the students and teacher will speak in Spanish in class. The course is offered in an independent study format. Students work on a different skill every day and record their progress. Students meet with the teacher periodically to go over material and answer questions. Students write a senior honors thesis in Spanish to be submitted at the end of the year. A midterm and a comprehensive final exam will be given.

**Textbook:** *Advanced Spanish Grammar*. Aragonés, Luis and Ramon Palencia. New York: McGraw Hill, 2015.

**Note:** No summer work is required; however, it is recommended that students listen to, read, and speak Spanish as much as possible. They also can study National Spanish Exam vocabulary online.

**Course Fees:** \$5

**Prerequisites:** Spanish DE 202

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**German I** (*elective, grades 9-12*)      1 credit

German I seeks to have students acquire a basic foundation for communicating in German as well as gain an insight into the ways of life in German-speaking countries. In German, the student will 1) develop good basic conversational skills using simple vocabulary, 2) be introduced to the complexities of German grammar, simple compositions and elementary reading skills, and 3) become familiar with basic cultural information of the German-speaking countries. Because oral proficiency is a primary goal, the teacher serves as a model in the pronunciation of vocabulary and presentation of dialogs as well as grammar. Whole class recitation and small group or partner work afford students ample opportunity for practice. In addition, use of transparencies, maps, tapes, CDs, video cassettes, DVDs, readers, and games provide variety in presenting both grammar and cultural information, at the same time accommodating various learning styles. Students are evaluated on the basis of oral participation and presentations, role plays, frequent quizzes, simple compositions, standardized unit tests (listening as well as written) and quarterly projects. A midterm and a comprehensive final exam will be given.

**Textbooks:** *Deutsch Aktuell I* (4<sup>th</sup> edition) [lessons 1 – 8]; *Deutsch Aktuell I* (4<sup>th</sup> edition) workbook; *Easy Readers Series* of short stories and novelle, level A; *The New College German and English Dictionary*

**Prerequisite:** adequate Grammar skills

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**German II** (*elective, grades 8-12*)      1 credit

German II seeks to expand the communicative skills acquired in Level I and to strengthen student understanding of the German-speaking world. In German II, the student will 1) increase conversational skills by using a wider variety of vocabulary, 2) expand comprehension of more complex grammar and reading selections, and increase basic comprehension skills, and 3) strengthen their understanding of the German language and the culture of today's generation. While the teacher still serves as the primary model, students are encouraged to initiate longer conversations, gain better understanding of German grammar, especially verb usage in various tenses, as well as greater facility in manipulating German syntax. This is accomplished

through drill but also through cooperative learning situations. Students occasionally work in groups or pairs on role plays, presentations, and translations. Students are evaluated on the quality of oral presentations and class participation as well as on quizzes, standardized tests, longer compositions, and quarterly projects. The latter could involve research using books or the internet. A midterm and a comprehensive final exam will be given.

**Textbooks:** *Deutsch Aktuel I* (4<sup>th</sup> edition) [lessons 9 - 12]; *Deutsch Aktuel I* (4<sup>th</sup> edition) [lessons 1 - 4]; tape program and overhead transparencies to accompany both texts; *Deutsch Aktuell I and II* (4<sup>th</sup> edition) workbook; *Easy Readers Series* of short stories and novelle, levels A and B; *The New College German and English Dictionary*

**Prerequisite:** 75% German I

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### German III (*elective, grades 9-12*)

1 credit

German III build upon communicative skills acquired in Levels I and II and become familiar with important developments in German cultural history. The students will 1) engage in meaningful conversations that reflect real-life situations, 2) use more complex sentence structures by including subordinating conjunctions or relative pronouns, and 3) explore reading selections and poems by well-known German authors and understand significant developments in German history. While the teacher still serves as model, particularly in the explanation of more complex grammatical constructions (e.g. transposed word order), students take a more active part in working together in cooperative learning situations, paired activities, TPR (Total Physical Response) activities and cross-curricular activities. Furthermore, they will present summaries of reading selections, recite poetry, and perform skits. Students are evaluated on the quality of recitations and presentations, group activities, quizzes, translations, longer and more complex compositions as well as standardized unit tests. A midterm and a comprehensive final exam will be given.

**Textbooks:** *Deutsch Aktuel II* (4<sup>th</sup> edition) [lessons 5 - 12]; and accompanying workbook, tapes and overhead transparencies; *Readers Series Intermediate*, levels B and C; *The New College German and English Dictionary*

**Prerequisite:** 75% German II

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### German IV (*elective, grades 10-12*)

1 credit

German IV seeks to refine and further expand the student's communicative skills in speaking, reading and writing, and familiarize the student with the cultural subtleties that are part of German life. In German IV, students will 1) communicate primarily in German in conversation as well as in writing, 2) become familiar with the nuances of German syntax, 3) understand cultural subtleties in everyday life as well as in literature, the arts, science and history. The teacher still directs explanations of syntactical complexities. In addition, group and paired activities are encouraged along with cross-curricular activities, class presentations of literary works, recitations of poetry and short story writing. Instruction focuses on translation, comprehension, and composition skills. Students are evaluated on fluency and accuracy in speaking as well as on more extensive and stylistic writing (a short story, e.g.), individual presentations, some quizzes, and standardized tests, as well as dramatizations of skits or short plays. A midterm and a comprehensive final exam will be given.

**Textbooks:** *Deutsch Aktuel III* (4<sup>th</sup> edition) [lessons 1 - 4]; and accompanying workbook and CDs; *Amsco's German, Second Third Years*, a review text; *Readers Series Intermediate and Advanced Levels*;

Magazines, newspapers, assorted poetry and literature selections, *The New College German and English Dictionary*

**Prerequisite:** 75% German III

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### French I (*elective, grades 9-12*)

1 credit

This course provides a foundational introduction to the French language and culture. Grammar emphasis is on basic vocabulary and the *le \*present and le passé composé* tenses as well as the imperative mood. Lessons include question formation, numbers, alphabet, travel, the school day, food, colors, holidays, the weather, family relationships, the French calendar and Catholic culture and more. Students pray each day in French and are introduced to prayers of the Rosary. This course teaches both the spoken and written word and so there is a concentration on pronunciation and developing speaking credibility. Dictation is introduced as a learning tool in the second half of this course. Current events of the French-speaking world are an integral part of this course also. Students in this course take the French National Exam. A midterm and a comprehensive final exam will be given. Students must achieve a grade of 77 to be admitted into French II.

**Textbook:** *Paris À Moi* Beginner Level I, 4<sup>th</sup> edition 2021 by Camiile Chevalier-Karfis (Publisher: French Today; Paimpol, France)

**Fee:** \$9

**Prerequisite:** A prerequisite for a 8th grader to take French 1 to have achieved a 75 or above in Seton's Latin I Course in 7th grade.

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### French II (*elective, grades 10-12*)

1 credit

This course expands and builds on the concepts and skills gained in the foundational French I course. Grammar forms the framework for expanding cultural awareness and the acquisition of useful vocabulary. The course objectives are: mastery of 32 crucial verbs in 5 tenses and familiarity with many others; mastery of vocabulary including but not limited to the 1000 most used words in French plus approximately 400 vocabulary words related to everyday life; progress towards conversational fluency and comfort with the language; strong emphasis on listening comprehension with listening exercises; exercises in written French to improve and expand this skill; reading of passages in French, translation to and from French; and an overview of French culture including eating customs, school, daily life & travel in France, French artists, French History, basic geography, & famous places in France. There will be brief homework quizzes based on short homework assignments, weekly quizzes, monthly tests, quarterly projects, an end of semester exam and a comprehensive final exam. Students will also sit a French National Exam in the Spring.

**Textbook:** *Paris À Moi*, Beginner Level 2/Intermediate Level I 4<sup>th</sup> edition by Camille Chevalier-Karfis with *Essential Reference Booklet. 1000 Most Common French Words. Dylane Moreau, The Perfect French.*

**Course Fees:** *Paris À Moi* and *Essential Reference Booklet* \$11. *1000 Most Common Words* \$10.55

**Prerequisite:** Students must achieve a grade of 75% in French I in order to be admitted into French II.

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### French III (*elective, grades 11-12*)

**NOT OFFERED 2023-2024**

1 credit

This course follows French 2 with the understanding of a mastery of *\*le present, le passé composé, l'imperatif, le subjunctif, le futur\** and previously learned grammar principles. *\*Le conditionnel\** and advanced compound tenses are taught and matriculated into readings/conversations. A large part of this course focuses on geography with a detailed study of the provinces of continental France and the outlying

territories as well as the culture of these areas. Dictation is also a large part of this course for a finer tuning of oral comprehension. Students also begin their study of literature through the use of children's literature. Current events are discussed throughout the year. Discussion is almost exclusively *\*en français\**. Students in this course take the French National Exam. A midterm and a comprehensive final exam will be given.

**Textbook:**

**Prerequisite:** Students must achieve a grade of 75% to be admitted into French III.

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**French IV** (*elective, grade 12*)

**NOT OFFERED 2023-2024**

1 credit

This course follows French 3 and completes the study of the 13 major voices/moods/tenses. Grammar continues to be finely tuned through literary works. Students read and study selections from St. Thérèse's *\*L'Histoire d'une Âme (Story of a Soul)\**, and the complete works of de Maupassant's *\*La Parure\**, and *\*Le Petit Prince\**, de St. Saint-Exupéry. Discussion is almost exclusively *\*en français\**. Any advanced grammar techniques/preparation needed for the AP French exam would be reviewed in this course also. Students in this course take the French National Exam, also. A midterm and a comprehensive final exam will be given.

**Textbook:**

**Prerequisite:** Students must achieve a grade of 75% to be admitted into French IV.

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## Fine Arts

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### Art I (*elective*)

1 credit

This course is designed for any student with an interest in art. Students will explore a variety of mediums including graphite pencil, charcoal pencil, colored pencils, soft pastels, oil pastels, watercolor, acrylic paint, oil paint, markers, calligraphy markers, scratchboard, and clay. Students will gain a basic understanding of the elements of art through a series of art projects involving 1) Line – gesture drawing, line variation, proportions of the body; 2) Shape – contour drawings, still life drawing, silhouette paintings, Egyptian tomb paintings; 3) Form – drawing basic forms with shading, drawing hands and feet; 4) Value – value scales, drawing faces, fruits, and geometric shapes; 5) Color – color theory, acrylic painting, colored pencil animals, Modern art boxes; 6) Texture – drawing various textured surfaces, Zentangle designs, drawing fur and hair; and 7) Space – linear perspective, atmospheric perspective in watercolor, landscape paintings. The principles of balance, unity, variety, contrast, proportion, emphasis, and rhythm will be incorporated in the many art projects that we will do throughout the year. All art projects will count for 60% of the class grade.

**Textbook/Materials:** a graphite pencil set, a kneaded eraser, and a 9X12 drawing pad, other materials will be provided

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### Art II (*elective*)

1 credit

This is a studio art course for experienced art students, based on the seven principles of art (balance, unity, variety, contrast, proportion, emphasis, and rhythm). Students will explore a wide variety of mediums, including watercolor, colored pencil, charcoal, ink, soft pastels, and acrylic paint and more. New techniques, including icon painting, oil painting, clay sculpture, and advanced drawing and design will be introduced.

**Projects:** Students will participate in several small group projects, including mural painting, set design, and statue restoration.

**Materials:** a graphite pencil set, a kneaded eraser, and a 9X12 drawing pad, other materials will be provided

**Prerequisite:** Art I, Art Appreciation

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### Art Appreciation (*elective*)

1 credit

This course is designed to promote an appreciation and understanding of art from a historical and cross-cultural perspective. Students will view informative, video presentations and participate in Power Point presentations and creative activities, related to certain art periods or movements. Art periods covered will include Stone Age, Mesopotamian, Egyptian, Greek, Roman, Renaissance, Baroque, Rococo, Early Christian, Medieval, Romanticism, Realism, Impressionism, Post-Impressionism, and the many diverse movements within Modern art. Students will view educational presentations and take guided notes. A quiz will be given at the end of each unit. 3. Students will do several creative projects, relating to the history of art. Students will research given art topics and give Power Point presentations to the class. There will be one presentation every quarter.

**Textbook:** *The Illustrated Timeline of Art History: A Crash Course in Words and Pictures*, Strickland, PhD., Carol

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## **Band Beginner** (*elective grades 7 - 12*)

1 credit

Beginner Band has three objectives: 1) Students will learn to maintain proper care and maintenance of a band instrument, understand fundamentals of music reading and aural discrimination, demonstrate technical performance skills, and work with other musicians to present lively concerts for the school, as well as for local senior citizens. 2) In addition to basic music theory, students will read music at gradually increasing difficulty levels, as well as identify, label, and memorize basic musical notation, fingerings, dynamics, time signatures, key signatures, etc. Students will use these concepts as they interpret and perform their music. 3) Students will practice sight reading music and playing prepared pieces. Students will formally prepare several musical works and demonstrate their work in a variety of public settings. Two mandatory performances (Christmas and Spring Concerts) take the place of the class Midterm and Final Exams.

**Textbook/Materials:** *Standards of Excellence Book 1*, Bruce Pearson (provided by Seton), Band instrument in working condition (provided by student) / standard instrument accessories

**Course fees:** approx. \$25

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## **Band Intermediate** (*elective grades 7 - 12*)

1 credit

Intermediate Band has three objectives: 1) 1. Students will be able to maintain proper care and maintenance of a band instrument, understand fundamentals of music reading and aural discrimination, demonstrate technical performance skills, and work with other musicians to present lively concerts for the school, as well as for local senior citizens. 2) Students will read music at gradually increasing difficulty levels, as well as identify, label, and memorize basic musical notation, fingerings, dynamics, time signatures, key signatures, etc. Students will also learn basic to more-advanced music theory. Students will use these concepts as they interpret and perform their music. 3) Students will practice sight reading music and playing prepared pieces. Students will formally prepare several musical works and demonstrate their work in a variety of public settings. Two mandatory performances (Christmas and Spring Concerts) take the place of the class Midterm and Final Exams.

**Materials:** *Standards of Excellence Book 2*, Bruce Pearson (provided by Seton), Musical scores in a variety of styles (provided by Seton), Band instrument in working condition (provided by student) / standard instrument accessories

**Course fees:** approx. \$25

**Prerequisites:** at least 1-year prior experience on selected Band instrument or director's approval

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## **Band Advanced** (*elective grades 8 - 12*)

1 credit

Advanced Band has three goals: 1) Students will continue to maintain proper care and maintenance of a band instrument, grow in their understanding of fundamentals of music reading and aural discrimination, demonstrate increasingly technical performance skills, while working with other musicians to present lively concerts for the school, as well as for local senior citizens. 2) Students will read music at gradually increasing difficulty levels, as well as identify, label, and memorize basic musical notation, fingerings, dynamics, time signatures, key signatures, etc. Students will also continue to learn more-advanced music theory. Students will use these concepts as they interpret and perform their music. 3) Students will practice sight reading music and playing prepared pieces. Students will formally prepare several musical works and demonstrate their work in a variety of public settings. Two mandatory performances (Christmas and Spring Concerts) take the place of the class Midterm and Final Exams.

**Materials:** Musical scores in a variety of styles (provided by Seton), Band instrument in working condition (provided by student) / standard instrument accessories

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**Course fees:** approx. \$25

**Prerequisites:** at least 2 years prior experience on selected Band instrument or director's approval

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### Chorus I/II (*elective grades 7 - 12*)

1 credit

The objectives of Chorus I/II are 1) Students will learn fundamentals of music reading and aural discrimination, learn to demonstrate technical performance skills, and work with other musicians to present lively concerts for the school, as well as for local senior citizens. 2) In addition to learning basic music theory, students will learn to read music at varying levels of difficulty, as well as identify, label, and memorize basic musical notation, dynamics, time signatures, key signatures, etc. Students will use these concepts as they interpret and perform their music. 3) Students will practice sight reading music and singing prepared pieces. Students will formally prepare several musical works and demonstrate their work in a variety of public settings. Two mandatory performances (Christmas and Spring Concerts) take the place of the class Midterm and Final Exams.

**Materials:** 2-part, SAB, and SATB choral selections in varying styles (provided by Seton)

**Course fees:** approx. \$25

**Prerequisites:** none for Chorus I; for Chorus II: one year of Chorus I

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## Other

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### Information Technology (*elective*)

1 credit

Information Technology class teaches basic computer skills with competence. As a Catholic school, we integrate how technology may be best used with a sense of stewardship over God's creation. The class provides students with basic competence in acquiring typing skills, cyber safety, computer basics, copyright, use of shortcuts, using Microsoft Office, Google Apps, and an introduction to animation, coding, email etiquette, identifying fake news sources, artificial intelligence and video editing. Course content is integrated into other Seton classes by means of practical application of Microsoft Office/Google products to produce papers, presentations, and reports according to MLA Style used by the English Department. The Course content includes collaboration with other departments for requirements for presentations requiring Microsoft PowerPoint/Google Slides. As a practical course, skills will be practiced for the sake of mastery, but much of the practice and application of the skills will depend on students implementing knowledge from class into their use of computers and devices at home. Class discussions and projects will include opportunities for students to discuss how they can use technology strictly as a tool, for appropriate use.

**Note:** Midterm project takes place during the midterm exam. Final project is completed before final exams. Students must have broadband internet at home. Students must have a personal email address, have parental permission to use Google Drive, Khan Academy, Typing.com and other web-based apps as required.

**Course fees** \$50

**Materials:** Thumb drive

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### Study Hall

0 credit

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