MISSION STATEMENT

Saint Joseph Academy,
rooted in the spirituality
of the Congregation of St. Joseph,
fosters unifying relationships
with God and all creation,
empowers each young woman
to achieve academic excellence,
and inspires a life of compassionate leadership
and service in a global society.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>4</td>
</tr>
<tr>
<td>The Character of a Saint Joseph Academy Graduate</td>
<td>4</td>
</tr>
<tr>
<td>Saint Joseph Academy Requirements</td>
<td>5</td>
</tr>
<tr>
<td>Registration Process for Current Students</td>
<td>6</td>
</tr>
<tr>
<td>Types of Courses Available to Students</td>
<td>7</td>
</tr>
<tr>
<td>Advanced Placement (AP®) Courses</td>
<td>7</td>
</tr>
<tr>
<td>Blended Learning Courses</td>
<td>7</td>
</tr>
<tr>
<td>College Credit Plus (CCP)</td>
<td>7</td>
</tr>
<tr>
<td>Credit Flexibility</td>
<td>8</td>
</tr>
<tr>
<td>Honors Courses</td>
<td>8</td>
</tr>
<tr>
<td>Optional Pass/Fail Courses</td>
<td>8</td>
</tr>
<tr>
<td>International Trip Credit</td>
<td>8</td>
</tr>
<tr>
<td>Student Support Services Department</td>
<td>8</td>
</tr>
<tr>
<td>Course Changes</td>
<td>8</td>
</tr>
<tr>
<td>Departments</td>
<td></td>
</tr>
<tr>
<td>CORE Ministry Department</td>
<td>9</td>
</tr>
<tr>
<td>English Department</td>
<td>12</td>
</tr>
<tr>
<td>Mathematics Department</td>
<td>17</td>
</tr>
<tr>
<td>Nazareth Library</td>
<td>25</td>
</tr>
<tr>
<td>Performing Arts Department</td>
<td>26</td>
</tr>
<tr>
<td>Pre-Engineering and Programming Department</td>
<td>31</td>
</tr>
<tr>
<td>Science Department</td>
<td>34</td>
</tr>
<tr>
<td>Social Studies Department</td>
<td>39</td>
</tr>
<tr>
<td>Visual Arts Department</td>
<td>44</td>
</tr>
<tr>
<td>Wellness Department</td>
<td>51</td>
</tr>
<tr>
<td>World Languages Department</td>
<td>53</td>
</tr>
<tr>
<td>Independent Learning Time</td>
<td>62</td>
</tr>
</tbody>
</table>
INTRODUCTION

This catalog will provide a preview of the courses you may choose for the 2020-2021 school year. Please select up to eight credits. Keep in mind that one advantage of the college block schedule is that you are able to double up on courses (i.e. two math classes, two world language classes, etc.) Do not hesitate to be creative in your scheduling! We encourage you to take the most rigorous courses you feel comfortable taking. Colleges/universities like to see students challenge themselves with a rigorous academic course load.

THE CHARACTER OF A SAINT JOSEPH ACADEMY GRADUATE

In the tradition of the Congregation of St. Joseph, a graduate of Saint Joseph Academy is a woman who lives Unifying Love through Empathetic Justice, Service to the Dear Neighbor without Distinction, Personal Integrity and Emerging Wisdom.

Unifying Love: Nourished by prayer, scripture and the sacraments, she exhibits inclusivity, mutuality and oneness in relationships with God, others and Earth.

Empathetic Justice: Devoted to doing justice with compassion and respect for others, she works for systemic change to bring about global equality.

Service to the Dear Neighbor without Distinction: Recognizing relationship as the primary service, she makes herself vulnerable in meeting the unmet needs of others.

Personal Integrity: Valuing the wellness of body, mind and spirit, she discovers and owns her unique gifts and skills, claims her leadership ability and moves forward with confidence, courage, honesty and initiative.

Emerging Wisdom: Enlightened by intellectual curiosity, discernment and openness, she thinks critically, reflects regularly, broadens her perspective and embraces the challenges of new ideas.
SAINT JOSEPH ACADEMY REQUIREMENTS

The following State, Diocesan and school course requirements must be fulfilled in order to graduate from Saint Joseph Academy.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
<th>Requirements</th>
</tr>
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<tbody>
<tr>
<td>CORE Ministry</td>
<td>4.0</td>
<td>Required courses must be taken in sequential order.</td>
</tr>
<tr>
<td>English</td>
<td>4.0</td>
<td>Required courses must be taken in sequential order.</td>
</tr>
<tr>
<td>Math</td>
<td>4.0</td>
<td>Through Algebra II</td>
</tr>
<tr>
<td>Science</td>
<td>3.0</td>
<td>Physical Science, Life Science, Advanced Science</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3.0</td>
<td>World History, U.S. History, Government/Economics</td>
</tr>
<tr>
<td>Visual or Performing Arts</td>
<td>1.0</td>
<td>One credit required. Additional credits taken as electives.</td>
</tr>
<tr>
<td>Wellness</td>
<td></td>
<td>Required to earn 3.5 credits to graduate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.0 Health Education, 0.5 Physical Education</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.0 Wellness Curriculum (0.5 per school year)</td>
</tr>
<tr>
<td>World Language</td>
<td>2.0</td>
<td>Credits must be earned in the same language</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>Enough to meet the requirements for graduation</td>
</tr>
<tr>
<td>Service Hours</td>
<td></td>
<td>20 logged hours of Christian service per academic year</td>
</tr>
</tbody>
</table>

30 Credits required to graduate from Saint Joseph Academy
REGISTRATION PROCESS FOR CURRENT STUDENTS

(Directions for incoming Freshmen will be mailed home.)

1. The Course Catalog will be available electronically in January.

2. After the Course Catalog is made available, students should work with their parents/guardians, teachers and counselors to select the appropriate courses.
   a. Each student will be provided with specific direction on how to electronically register for courses.
   b. Understand that despite the best efforts at accommodating student requests, it is not always possible to place students in all of their first choice courses. For this reason, please put careful consideration into selecting your alternate courses.
   c. Certain courses require a teacher’s signature. Students will be provided with the Teacher Recommendation Form for 2020-2021 school year to obtain signatures and should return the completed form to their counselor in February.

3. Beginning in February, students will have individual meetings with their assigned counselor to review student requests and academic plan for the 2020-2021 school year.
   a. Freshmen will meet with either Mrs. Adriane Hicks or Ms. Maryann Marek.
   b. Sophomores will meet with either Ms. Susan Emmerich/Mrs. Adriane Hicks or Ms. Maria Mueller/Ms. Maryann Marek.
   c. Juniors will meet with either Ms. Susan Emmerich or Ms. Maria Mueller.

4. In March, student requests will be mailed home for a final parent/guardian review. Any changes or errors should be noted on the Student Request Form and returned to the student’s counselor. The Student Request Form will establish the student’s course preferences. This is not a guarantee that all requested courses will be in the student’s 2020-2021 course schedule.

5. Please note schedule changes may not be possible based on staffing and class sizes.
   a. Once classes begin, a student will not be permitted to withdraw after the first ten days. In the rare circumstance that a student is permitted to withdraw from a class between the first ten to twenty days of the course, she will receive either a Withdrawal Passing (WP) or Withdrawal Failing (WF) based on her course average at the time of withdrawal. The WP or WF will be noted on the student’s transcript. A course change fee of $25 may be assessed. Students who withdraw from a class will not receive credit for that class. After the first twenty days of a course, students will not be permitted to withdraw.
   b. In choosing an Advanced Placement® (AP®) course, the student is making a commitment to the full AP® course curriculum. If the course is scheduled for the entire academic year, students will not be able to schedule another class. Students who withdraw from an AP® course will receive either a WP or WF and it will be noted on their transcript. Students who withdraw from an AP® course will not receive credit for that class. A course change fee of $25 may be assessed. In addition, all students enrolled in an AP® course are required to take the AP® exam.
TYPES OF COURSES AVAILABLE TO STUDENTS

ADVANCED PLACEMENT® (AP®) COURSES

Advanced Placement® (AP®) courses provide students an opportunity for learning that goes beyond facts and figures. The rich course material, classroom discussions and demanding assignments typical of AP® courses will help a student develop the content mastery and critical thinking skills expected of college students. It is the student’s responsibility to, at times, work independently and at a pace established by the classroom instructor. Emphasis on higher-level thinking skills and independent research may be time-consuming and should be accounted for by the incoming AP® student. By participating in AP® courses, a student is given the chance to stand out in the college admissions process and to potentially earn college credit.

AP® tests are scored through The College Board, a third-party organization, not Saint Joseph Academy. The tests are scored on a numeric scale, 1 to 5. These scores are obtained with a bell curved grading scale, so students are scored competing against each other rather than on a set standard.

Before taking an AP® level course, the student will need approval from the Department Chair. AP® course grades receive a weight of one quality point when calculating GPA. Additionally, in choosing an AP® course, the student is making a commitment to the full AP® course curriculum. If the course is scheduled for the entire academic year, the student will not be able to schedule another class. Students who withdraw from an AP® courses will receive either a Withdraw Pass (WP) or Withdraw Fail (WF), and it will be noted on their transcript. Students who withdraw from an AP® course will not receive credit for that class. A course change fee of $25 will be assessed. **In addition, all students enrolled in an AP® course are required to take the AP® exam.**

BLENDED LEARNING COURSES

Blended learning courses at Saint Joseph Academy include both online and face-to-face components. Online learning provides students some control over time, place, path or pace of learning. Face-to-face, supervised learning in a traditional or non-traditional classroom setting allows for reinforcement and extension activities to complement the material being learned.

Students enrolled in blended courses will be permitted to complete coursework in the Nazareth Library, the Collaborative Learning spaces on the third and ground floors, outdoors on The Scholars’ Porch, back campus (weather permitting) and the Dining Hall. Students may also complete work in Fitzmaurice Hall’s commons spaces and study rooms.

COLLEGE CREDIT PLUS (CCP)

College Credit Plus (CCP) is a program under which a secondary student may enroll at a college to complete non-sectarian and non-remedial courses for high school and college credit. Information regarding enrollment in this program is provided to students in the second semester. Students should see their counselor for information.

A student must receive approval from her counselor before enrolling in a CCP course. CCP credits will appear on the Saint Joseph Academy transcript and the grade will be calculated into the student’s grade point average.
CREDIT FLEXIBILITY

Students can earn units of high school credit based on an individually approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology and demographics to meet the demand for 21st century skills. Students should see their counselor for more information and to discuss.

HONORS COURSES

Motivated students wishing to challenge themselves may elect to take Honors courses. These courses are designed to encourage initiative, creativity and independent thinking. Honors courses provide students the opportunity to delve deeply into the course material, not just to master the material, but also to learn how to think critically. Although the content of an Honors course will be similar to a non-Honors course, the class activities will require a student to interact differently and at a deeper level than in the non-Honors course. In addition, content will be covered at a faster pace and Honors course grades will receive 0.5 quality points when calculating GPA.

OPTIONAL PASS/FAIL COURSES

Only courses that are not a requirement for graduation, occur outside of the regular block schedule and are not a natural continuation of a set curriculum may have the option to be taken as a standard letter grade, A-F or Pass/Fail (P/F). Specific courses with this option will be designated as such in the course description. Students wishing to take the course P/F are required to complete the Pass/Fail Waiver and inform the teacher that they would like to take the course P/F within the first two weeks of the course.

INTERNATIONAL TRIP CREDIT

Students participating in international travel opportunities through Saint Joseph Academy have the opportunity to earn academic credit through the completion of a multipart project. This is available to expand and deepen each student’s experience while earning academic credit. It has been designed to not only better prepare her for the country she will be visiting, but to capitalize on an area of passion or interest in her life. Specific details about this project will be given to the students approved for traveling.

STUDENT SUPPORT SERVICES DEPARTMENT

The Student Support Services Department is available to all students at Saint Joseph Academy, especially those students who may need extra academic assistance. The department’s goal is to provide information, strategies and study skill development, which will lead to student success in the classroom. Here are some of the highlights:

- Consultation with teachers for strategies and information gathering
- In-class support from department members in selected classes
- A summer study skills workshop for any incoming freshman

COURSE CHANGES

Saint Joseph Academy wishes to provide students with high-quality courses. In order to ensure this, changes may be made to all courses being offered based on academic review, student interest and staffing.
CORE MINISTRY DEPARTMENT

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: Recognizing that relationship and encounter are primary to faith development, CORE Ministry walks with students on their journeys of faith. Through worship, service, retreats and catechesis, CORE Ministry fosters the spiritual growth of the Saint Joseph Academy community and prepares students for lifelong discipleship.

The courses in this department are to be taken in sequential order.

THEOLOGY 9: WHO IS JESUS CHRIST? (semester)

Course Number: 511 1.0 Credit Grade 9

Overview: Begin with an overview of the history and charism of the Congregation of St. Joseph. Then, through their study of the Bible, especially the Gospels, students will come to know and love Jesus Christ more personally. In learning about who He is, the students will also learn who He calls them to be.

- History and Charism (spirituality) of the Congregation of St. Joseph
- Sacred Scripture
- Overview of the Bible
- The Gospels
- The Mystery of the Incarnation
- Jesus Christ Teaches Us about Ourselves

THEOLOGY 10: THE MISSION OF JESUS CHRIST AND THE CHURCH (semester)

Course Number: 521 1.0 Credit Grade 10

Prerequisites: Theology 9

Overview: Help students understand all that God has done for us through Jesus Christ. Students will also be introduced to what it means to be a disciple of Christ and a member of the Church today.

- The Promise of a Messiah
- Redemption through the Paschal Mystery
- The Images and Marks of the Church
- The Church in the World
- Implications for Life of a Believer
THEOLOGY 11: SACRAMENTS AS PRIVILEGED ENCOUNTERS WITH JESUS CHRIST AND ECUMENICAL/INTERRELIGIOUS ISSUES (semester)

Course Number: 532 1.0 Credit Grade 11

Prerequisites: Theology 10

Overview: Begin with a focus on the Sacraments to help students understand and appreciate the Sacraments as encounters with Christ. Students will also learn to recognize Christ’s presence in sacramental moments throughout life. The second part of the course will help students gain knowledge of and respect for the relationship between the Catholic Church and major world religions to prepare them for the 21st century global environment.

- Sacramental Nature of the Church
- Sacraments of Initiation, Sacraments of Healing, Sacraments at the Service of Communion
- Revelation and the Catholic Church
- Christian Churches and Ecclesial Communities Apart from the Catholic Church
- Relationship of the Catholic Church to the Jewish People
- The Church and Other Non-Christians
- Proclamation and Dialogue

THEOLOGY 12: LIFE IN JESUS CHRIST (semester)

Course Number: 541 1.0 Credit Grade 12

Prerequisites: Theology 11

Overview: Help students understand that it is only through Christ that they can fully live out God’s plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ’s disciples and they will be introduced to the Church’s social teaching.

- What is Life in Christ?
- God Has Taught Us How to Live a New Life in Christ
- Gospel Message as the Basis for Catholic Moral Teaching
- The Reality of Sin
- Social Teaching of the Church
- Major Themes of Catholic Social Teaching
ELECTIVE COURSES TENTATIVELY OFFERED

*** These courses may be taken as an elective and do not meet department requirements. ***

INDEPENDENT STUDY: MINISTRY LEADERSHIP (This course meets during Activity Blocks.)

Independent Study: Ministry Leadership may be taken as a standard letter grade, A-F or Pass/Fail (P/F). Students wishing to take the course P/F are required to complete the Pass/Fail Waiver and inform the teacher that they would like to take the course P/F within the first two weeks of the course.

Course Number: 554IS 0.5 Credit Grades 10-12

Prerequisite: Theology 9 and students will be required to take a grade-level theology course in addition to this elective.

Overview: Study the details of prayer and worship in a liturgical context and beyond. This projects-based course will explore the elements necessary to write prayers, plan prayer services and liturgies for the Saint Joseph Academy community while developing a deeper understanding of the liturgical tradition of the Catholic Church. Students will have the opportunity to learn, plan and lead a variety of prayer services for their peers and the entire Saint Joseph Academy community. This course will be offered in conjunction with a study hall. Students will meet two or three times a week dependent on the liturgical schedule.
ENGLISH DEPARTMENT

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: The English Department fosters student knowledge and appreciation of the human experience through critical reading and effective writing.

The courses in this department are to be taken in sequential order.

**ENGLISH 9: INTRODUCTION TO LITERARY GENRES** (semester)

Course Number: 311  1.0 Credit  Grade 9

Overview: Examine the five genres of literature, communicate effectively in writing and develop their research skills.

- Introduce and explore a variety of literary genres (short story, drama, poetry, novel and nonfiction) from American, British and World Literatures
- Develop paragraph and multi-paragraph writing
- Emphasize 21st century research skills

**HONORS ENGLISH 9: ADVANCED INTRODUCTION TO LITERARY GENRES** (semester)

Course Number: 312  1.0 Honors Credit  Grade 9

Prerequisite: While all of our courses prepare students for college, an Honors level course is an advanced college-prep course. There will be a higher level of rigor in reading, writing and research assignments. Additionally, there will be a heavier workload. Those students wishing to take Honors level courses are recommended to have a grade of B or higher in their previous English class.

Overview: Examine in greater depth the five genres of literature and develop their research skills. Students will read complex literature and will write more intensively, focusing on the analysis of literature.

- Explore and analyze a variety of literary genres (short story, drama, poetry, novel and nonfiction) from American, British and World Literatures
- Develop more sophisticated types of writing
- Utilize 21st century research skills

**ENGLISH 10: WORLD LITERATURE** (semester)

Course Number: 321  1.0 Credit  Grade 10

Overview: Explore in greater depth the genres of fiction, nonfiction, short story, novel, poetry, mythology and drama from diverse cultures around the world.

- Explore the world and its people through a variety of literature
- Compose writing for a variety of purposes, including analysis, persuasion, reflection and research
- Clearly present synthesized ideas in original writing

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<thead>
<tr>
<th>HONORS ENGLISH 10: ADVANCED STUDIES IN WORLD LITERATURE <em>(semester)</em></th>
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<tbody>
<tr>
<td><strong>Course Number:</strong> 322 1.0 Honors Credit Grade 10</td>
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</tr>
<tr>
<td><strong>Prerequisite:</strong> While all of our courses prepare students for college, an Honors level course is an advanced college-prep course. There will be a higher level of rigor in reading, writing and research assignments. Additionally, there will be a heavier workload. Those students wishing to take Honors level courses are recommended to have a grade of B or higher in their previous English class.</td>
<td></td>
</tr>
<tr>
<td><strong>Overview:</strong> Delve into greater depth the genres of nonfiction, short story, novel, poetry, mythology and drama from diverse cultures around the world.</td>
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</tr>
</tbody>
</table>
|  | • Explore the world and its people through a variety of literature  
  | • Continue to improve the quality of writing  
  | • Present synthesized ideas with clarity in original writing |

<table>
<thead>
<tr>
<th>ENGLISH 11: AMERICAN LITERATURE <em>(semester)</em></th>
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</thead>
<tbody>
<tr>
<td><strong>Course Number:</strong> 331 1.0 Credit Grade 11</td>
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</tr>
<tr>
<td><strong>Overview:</strong> Explore American literature from Native American myths and legends through the Modern period.</td>
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</tr>
</tbody>
</table>
|  | • Analyze selections of literature from the oral traditions of the Native Americans to the literature of the Modern Period  
  | • Continue to improve the quality of student writing  
  | • Present synthesized ideas with clarity in original writing |

<table>
<thead>
<tr>
<th>HONORS ENGLISH 11: ADVANCED STUDIES IN AMERICAN LITERATURE <em>(semester)</em></th>
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</thead>
<tbody>
<tr>
<td><strong>Course Number:</strong> 332 1.0 Honors Credit Grade 11</td>
<td></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> While all of our courses prepare students for college, an Honors level course is an advanced college-prep course. There will be a higher level of rigor in reading, writing and research assignments. Additionally, there will be a heavier workload. Those students wishing to take Honors level courses are recommended to have a grade of B or higher in their previous English class.</td>
<td></td>
</tr>
<tr>
<td><strong>Overview:</strong> Research in greater depth the evolution of American literature from Native American myths and legends through the Modern Period.</td>
<td></td>
</tr>
</tbody>
</table>
|  | • Explore and analyze the types of literature from the oral traditions of the Native Americans to the literature of the Modern period  
  | • Continue to improve the quality of student writing  
  | • Synthesize ideas with clarity in original writing and present those ideas in a sophisticated manner |
AP® ENGLISH LANGUAGE AND COMPOSITION (year)

Course Number: 346XC 1.4 Credit Grade 11

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the Department Chair. It is recommended that a grade of at least a B+ be earned in prior English classes before undertaking an AP® level English course.

Requirement: Taking the AP® English Language and Composition Exam is mandatory. The cost is approximately $95.

Overview: Engage in becoming careful, critical readers of prose and effective, confident writers. Through close reading of selected texts and intensive writing for a variety of purposes, students gain a greater appreciation of the role of audience, purpose and content in a text.

- Read prose selections of recognized merit with a concentration on American literature
- Analyze texts by identifying and evaluating each writer’s use of various rhetorical techniques
- Craft strong arguments using material drawn from research and personal experience, including evidence based on primary and secondary sources
- Engage each stage of the writing process with increasing maturity
- Apply effective rhetorical techniques in their own writing
- Demonstrate mastery of standard English and stylistic maturity (vocabulary, logic, organization, support, etc.)

ENGLISH 12: SURVEY OF LITERATURE (semester)

Course Number: 342a 1.0 Credit Grade 12

Overview: Examine British and world literature from various time periods.

- Analyze fiction and nonfiction through close-reading and student-led discussions
- Write confidently and clearly convey thoughts and ideas in a variety of forms of writing
- Exhibit a mastery of 21st century research skills

AP® ENGLISH LITERATURE AND COMPOSITION (year)

Course Number: 345XC 1.4 AP® Credit Grade 12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the Department Chair. It is recommended that a grade of at least a B+ be earned in prior English classes before undertaking an AP® level English course.

Requirement: Taking the AP® English Literature and Composition Exam is mandatory. The cost is approximately $95.

Overview: Engage in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work’s structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone.

- Study representative works from various genres and periods, concentrating on works of recognized literary merit
- Read deliberately and thoroughly, taking time to understand a work’s complexity, to absorb its richness of meaning and to analyze how that meaning is embodied in literary form
• Reflect on the historical and social values that literature reflects and embodies
• Write assignments that focus on the critical analysis of literature and include expository, analytical and argumentative essays
• Increase their ability to explain clearly, cogently, even eloquently, what they understand about literary works and why they interpret them as such

ELECTIVE COURSES TENTATIVELY OFFERED

*** These courses may be taken as electives and do not meet department requirements. ***

WOMEN LEADING IN THE 21st CENTURY (semester)

Course Number: 445 1.0 Credit Grades 9-12

Overview: Develop the skills needed to influence both the local and global communities for the common good through studying models and theories of leadership, as well as through exposure to female leaders in Northeast Ohio.

• Study management and leadership principles
• Analyze ethics and the role of ethics in leadership and life
• Examine human relations and self-awareness
• Improve oral and written communication skills
• Foster critical thinking, problem-solving and decision-making skills

INDEPENDENT STUDY: CREATIVE WRITING (Online Course/semester)

Course Number: 301IS 1.0 Credit Grades 10-12

Overview: Use the creative imagination in the process of writing. Students will submit writing assignments through Google Classroom, complete peer editing through Google Docs and use Schoology to post assignments, share materials and design discussion forums. This class is recommended for students with strong time management skills who enjoy writing. It is also recommended that only students who have a study hall enroll in the course. This is an independent study course, and students will only meet with the teacher during office hours or as needed.

• Write imaginatively on a daily basis in a journal or a blog
• Produce writing in each genre: the short story, drama, poetry and nonfiction
• Share and critique writing with peer writers
• Revise and rewrite for a final portfolio and for publication
Course Number: 302IS 1.0 Honors Credit Grades 10-12

Prerequisite: The Creative Writing class and Department Chair approval.

Overview: This class is an online, independent study class for students who have already taken the Creative Writing class offered by the English Department. It is recommended that students with strong time management skills who enjoy creative writing take this class. It is also recommended that only students who have a study hall enroll in the course. This is an independent study course that is designed by the individual student who enrolls in the course and students will only meet with the teacher during office hours or as needed.

- Write imaginatively on a daily basis in a journal or a blog
- Produce writing in the genres of her choice
- Mentor a student in the Creative Writing course
- Submit her writing for publication and/or to local and national contests
- Revise and rewrite for a final portfolio
MatheMatics Department

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: Realizing the importance and practicality of mathematics in a global society, the Mathematics Department strives to enhance the student’s ability to reason, think clearly, deduce logically, reflect regularly and in doing so, increase student confidence.

8th Grade Assessment: Placement for Algebra I and Honors Algebra I is based on the student’s previous math grades and standardized test scores. Students who wish to place into Honors Geometry or Honors Algebra II during their freshman year are asked to take a math assessment exam. Assessment exams are arranged through the Admission Office. Additionally, if the State of Ohio Assessment was not taken in 7th or 8th grade, students who place into Honors Geometry or Honors Algebra II must take the Algebra assessment required for graduation by the State of Ohio prior to their freshman year.

What is an Honors Math Course?
An Honors level course is significantly more demanding than a regular level course in both difficulty of material and workload. Students will be expected to not only know the material, but also to apply it in unfamiliar situations. Expanded writing assignments and essay questions on assessments may be required. A deep understanding of and ability to work with fractions is essential to success in an Honors level course within the Mathematics Department.

Pre-algebra (semester)

Course Number: 214  1.0 Credits  Grade 9

Prerequisite: Students will be placed in this course by the Admissions Review Committee only. Students in this course will take Pre-Algebra first semester and Algebra I second semester.

Overview: Expand number sense to understand, perform operations and solve problems with rational numbers, then develop problem-solving skills using variables in expressions and equations. In order to emphasize number sense and computational fluency, calculators will be permitted on a very limited basis.

- Calculating with multi-digit numbers, estimating, rounding and understanding how quantities are affected by mathematical operations
- Understanding and using percents in the real world
- Understanding and using rational numbers
- Solving equations and inequalities
- Using and applying linear relationships
- Problem-solving is emphasized in each topic
ALGEBRA I (semester)
Course Number: 212 1.0 Credit Grade 9

Prerequisite: Students will be placed in this course by the Admissions Review Committee only.

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE required).

Overview: Develop problem-solving skills using variables in expressions and equations.

- Properties of real numbers
- Polynomial expressions
- Equations and inequalities
- Graphing techniques
- Systems of linear equations
- Problem-solving techniques

HONORS ALGEBRA I (semester)
Course Number: 213 1.0 Honors Credit Grade 9

Prerequisite: Students will be placed in this course by the Admissions Review Committee only. Please see the “What is an Honors Course?” paragraph at the beginning of this section to understand the rigors and requirements of an Honors course.

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE required).

Overview: Develop problem-solving skills using variables in expressions and equations. Concepts will be taught with a greater emphasis on depth, detail, theory and complexity in calculations than in Algebra I.

- Polynomial equations and inequalities
- Graphing techniques
- Systems of linear equations
- Problem-solving techniques

GEOMETRY (semester)
Course Number: 222 1.0 Credit Grades 9-10

Prerequisite: Algebra I

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

Overview: Establish the properties and relationships of sets of points in a plane and in space. Students will utilize these relationships, and emphasizes application and critical thinking for the following topics:

- Lines, points and planes
- Polygons
- Right triangle relationships
- Area, surface area and volume
- Circles
- 3D figures
- Mathematical reasoning and proofs at an introductory level
- Probability
HONORS GEOMETRY (semester)

Course Number: 223  1.0 Honors Credit  Grades 9-10

Prerequisite: Those students wishing to take this Honors level course are recommended to have a grade of B or higher in Honors Algebra I or be placed in this class by the Admissions Review Committee based on the 8th grade assessment exam. Please see the “What is an Honors Course?” paragraph at the beginning of this section to understand the rigors and requirements of an Honors course.

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

Overview: Develop the properties and relationships of sets of points in a plane and in space with the development of mathematical proof. Emphasis will be given to mathematical logic and proof as well as problems with increased complexity over those in Geometry. In order to emphasize number sense and computational fluency, calculator use will be limited.

- Lines, points and planes
- Polygons
- Circles
- 3D figures
- Mathematical logic
- Probability

ALGEBRA II A (fall semester)

Course Number: 232A  1.0 Credit  Grade 11

Prerequisite: Students will be placed into this course by teacher recommendation only.

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended). Students must register for Algebra II A and Algebra II B in the same year.

Overview: The first half of the Algebra II course extended and expanded to allow those who have traditionally struggled in math the time, assistance and practice necessary to master more advanced algebra topics. This course will develop the relationship between advanced functions, their graphs and their applications. Graphing calculator applications will be integrated into most topics.

- Relationships between functions and their graphs
- Polynomial functions
- Linear systems
- Quadratic functions
- Matrices

ALGEBRA II B (spring semester)

Course Number: 232B  1.0 Credit  Grade 11

Prerequisite: Students will be placed into this course by teacher recommendation only. Students must register for Algebra II A and Algebra II B in the same year.

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

Overview: The second half of the Algebra II course is extended and expanded to allow those who have traditionally struggled in math class the time, assistance and practice necessary to master more advanced algebra topics. This course will develop the relationship between advanced functions, their graphs and their applications. Graphing calculator applications will be integrated into most topics.
- Polynomial functions
- Radical functions and rational exponents
- Trigonometric functions
- Exponential/logarithmic functions
- Rational functions

**ALGEBRA II (semester)**

**Course Number:** 232  
1.0 Credit  
Grades 10-11

**Prerequisite:** Geometry and Algebra I

**Requirement:** Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

**Overview:** Develop the relationship between advanced functions, their graphs and their applications. Emphasis will be placed on graphing and connections between equations and their graphs. Graphing calculator applications will be integrated into most topics.

- Quadratic functions
- Polynomial functions
- Trigonometric functions
- Exponential/logarithmic functions
- Rational functions

**HONORS ALGEBRA II (semester)**

**Course Number:** 233  
1.0 Honors Credit  
Grades 9-11

**Prerequisite:** Those students wishing to take this Honors level course are recommended to have a grade of B or higher in Honors Geometry or an A in Geometry. Please see the “What is an Honors Course?” paragraph at the beginning of this section to understand the rigors and requirements of an Honors course.

**Requirement:** Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

**Overview:** Rigorously examines the relationship between advanced functions, their graphs and their applications with additional emphasis on more complex computations, applications and mathematical theory. While graphing calculator applications will be integrated into most topics, students will also be expected to complete complex computations and graphs without the aid of a calculator in preparation for AP® Calculus.

- Quadratic functions
- Conic sections
- Trigonometric functions
- Exponential/logarithmic functions
- Matrices
- Rational functions
**COLLEGE PREP MATH (semester)**

Course Number: 263  
1.0 Credit  
Grade 12

**Prerequisite:** Students will be placed into this course by teacher recommendation only.

**Requirement:** Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

**Overview:** A survey of mathematical topics relevant to students enrolling in a non-mathematical collegiate program for students who have traditionally struggled in math. An emphasis will be placed on the use and application of technology.

- Quadratic functions
- Polynomial functions
- Radical functions
- Exponential and logarithmic functions

**STATISTICS (semester)**

Course Number: 253  
1.0 Credit  
Grades 11-12

**Prerequisite:** Grade of C or higher in Algebra II.

**Requirement:** Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

**Overview:** Introduction to statistical reasoning. Emphasis will be placed on concepts rather than in-depth coverage of traditional statistical methods. Topics include sampling and experimentation, descriptive statistics, probability, binomial and normal distributions, estimation, single sample and two sample hypothesis tests for means and proportions.

- Data collection and analysis
- Measures of central tendency
- Probability
- Normal probability distributions
- Hypothesis testing

**AP® STATISTICS (year)**

Course Number: 251XC  
1.4 AP® Credit  
Grades 11-12

**Prerequisite:** Those students wishing to take AP® level courses have demonstrated intellectual scholarship in the subject and have received prior written approval from the Department Chair. Those students wishing to take this AP® level course are recommended to have a grade of B or higher in Honors Algebra II.

**Requirement:** Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended). Taking the AP® Statistics Exam is mandatory. The cost is approximately $95.
**Overview:** Introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be expected to complete multiple projects that will require them to collect and analyze their own data, while being exposed to four broad conceptual themes.

- Exploring Data: Describing patterns and departures from patterns
- Sampling and Experimentation: Planning and conducting a study
- Anticipating Patterns: Exploring random phenomena using probability and simulation
- Statistical Inference: Estimating population parameters and testing hypotheses

### PRE-CALCULUS (semester)

**Course Number:** 242  
1.0 Credit  
Grades 11-12

**Prerequisite:** Grade of C or higher in Algebra II or recommendation of most recent math teacher.

**Requirement:** Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

**Overview:** Establish the theoretical and computational foundations necessary for further studies in calculus with an emphasis on functional analysis and graphing calculator use.

- Sequences/series
- Trigonometric graphs and identities
- Exponential functions and logarithms
- Solving higher order equations
- Polynomial functions

### HONORS PRE-CALCULUS (semester)

**Course Number:** 243  
1.0 Honors Credit  
Grades 10-12

**Prerequisite:** Those students wishing to take this Honors level course are recommended to have a grade of B or higher in Honors Algebra II. Please see the "What is an Honors Course?" paragraph at the beginning of this section to understand the rigors and requirements of an Honors course.

**Requirement:** Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

**Overview:** Establish the theoretical and computational foundations necessary for further studies in calculus with an emphasis on functional analysis. The Honors course includes additional enrichment topics including vectors, polar coordinates/polar graphs and limits. While graphing calculator applications will be integrated into most topics, students will also be expected to do complex computations and graphs without the aid of a calculator in preparation for AP® Calculus.

- Sequences/Series
- Trigonometric graphs and identities
- Polar coordinates
- Exponential functions and logarithms
- Solving higher order equations
HONORS CALCULUS (semester)

Course Number: 246 1.0 Honors Credit Grades 11-12

Prerequisite: Those students wishing to take this Honors level course are recommended to have a grade of B or higher in Pre-Calculus. Please see the “What is an Honors Course?” paragraph at the beginning of this section to understand the rigors and requirements of an Honors course.

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

Overview: Examine the study of derivatives and integrals of functions of one variable and their applications. Technological analysis of functions, derivatives and integrals will be emphasized.

- Limits, tangent lines and their connection to calculus
- Derivatives of polynomial, exponential, logarithmic and trigonometric functions
- Integrals of polynomial and exponential functions and their graphs
- Use derivatives and integrals to solve a variety of real world problems
- Use technology to help solve problems, experiment, interpret results and verify conclusions

AP® CALCULUS AB (year)

Course Number: 252XC 1.4 AP® Credit Grades 11-12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the Department Chair. Those students wishing to take this AP® level course are recommended to have a grade of B or higher in Honors Pre-Calculus.

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended). Taking the AP® Calculus AB Exam is mandatory. The cost is approximately $95.

Overview: Success in AP® Calculus is closely tied to the preparation students have had in courses leading up to their AP® course. Students should have demonstrated mastery of material from courses that are the equivalent of four full years of high school mathematics before attempting AP® Calculus. Calculus AB is primarily concerned with developing the students’ understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results and problems being expressed graphically, numerically, analytically and verbally. Students will be expected to complete many complex computations and graphs without the aid of a calculator, as 2/3 of the AP® exam must be completed without a calculator.

- Work with functions represented in a variety of ways: graphical, numerical, analytical or verbal
- Understand the meaning of the derivative in terms of a rate of change and local linear approximation
- Understand the meaning of the definite integral both as a limit of Riemann sums and as the net accumulation of change
- Use derivatives and integrals to solve a variety of real world problems
- Develop the abilities to think clearly and to express ideas, orally and in writing, with clarity and logic
- Use technology to help solve problems, experiment, interpret results and verify conclusions
AP® CALCULUS BC (year or semester: TBD based on student interest and staffing)

Course Number: 255 1.4 AP® Credit Grades 11-12

Need a minimum of 8-10 students registered, otherwise students will have to take as independent study.

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the Department Chair. Those students wishing to take this AP® level course are recommended to have a grade of B or higher in AP® Calculus AB.

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended). Taking the AP® Calculus BC Exam is mandatory. The cost is approximately $95.

Overview: AP® Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP® course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, verbally and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results and support conclusions.

HONORS DISCRETE MATH (semester)

Discrete Math classes will be offered based on student interest and staffing.

Course Number: 240 1.0 Honors Credit Grades 11-12

Prerequisite: A in Algebra II or B in Honors Algebra II.

Requirement: Each student must have her own graphing calculator (TI-84 PLUS CE highly recommended).

Overview: Exploration of math topics not presented in the more traditional function-based math courses and which might be of interest to students considering a STEAM career.

- Number theory
- Advanced probability
- Deductive logic and truth ables
- Sequences
- Cryptography

PERSONAL FINANCE (semester)

Course Number: 921H 1.0 Credit Grades 11-12

Overview: Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered include income, taxes, budgeting, spending, credit, insurance, as well as saving and investing. Students will participate in online simulations involving checking accounts, paying bills as well as investing in the stock market. Students will demonstrate knowledge of finance, debt and credit management. This course will provide a foundational understanding for making informed personal financial decisions.

- Working and earning
- Financial responsibility
- Saving and investments
- Credit and debt
- Risk management
NAZARETH LIBRARY DEPARTMENT

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: The Nazareth Library staff collaborates with the faculty to cultivate a future ready* learning environment that ensures all members of the community (both students and adults) are engaged, ethical and effective users of information and technology. Through instruction and programming in the library, classroom and school community, empathetic justice and inclusivity are promoted, equipping students with the ability to passionately pursue emerging wisdom through lifelong learning and reading.

*For more information about Future Ready Librarians visit: futureready.org/thenetwerk/strands/future-ready-librarians

INDEPENDENT INQUIRY One face-to-face meeting weekly. This course is offered during alternating years.

Independent Inquiry will be a Pass/Fail course.

Course Number: 0.5 Credit Grades 11-12

Prerequisite: This is a rigorous and demanding course that requires excellent research, writing and communication skills and the ability to work well independently. Students must be self-motivated and self-monitoring. Students should get approval from the Instructional Librarian prior to registering.

Overview: Students will become experts on a self-selected topic of interest by reading, viewing, listening, conducting interviews and gathering primary source data. Students will then share their knowledge through developing a self-chosen digital project and presenting it during an end of year capstone.

- Plan, develop, organize and persist through a long-term research project
- Identify, explore and analyze a wide variety of sources from diverse perspectives
- Design complex research questions and a thesis supported by evidence
- Critically reflect and problem solve
- Synthesize and share knowledge
- Utilize sophisticated written and verbal communication skills
PERFORMING ARTS DEPARTMENT

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: The Performing Arts Department fosters student learning and development of God-given talents. Students are challenged to create, express, reflect and push their limits to become well-rounded, lifelong artists.

CHORAL COURSE OFFERINGS

CONCERT CHOIR (semester)
Course Number: 742 1.0 Credit Grades 9-12

Overview: Explore the vocal instrument and bel canto singing. Students in this class will establish fundamental musical reading and writing skills and sing in 2/3 parts with accompaniment.

• Perform songs from multiple eras and genres
• Opportunities available to sing a solo or in a small group, in addition to the full ensemble
• Learn new musical reading skills or build upon previous ones
• Perform in a concert and one other major public performance

ADVANCED CHOIR (semester)
Course Number: 771 1.0 Credit Grades 9-12

Prerequisite: Enrollment is by audition.

Overview: Discover a wide variety of music, theory, ear training, history and sight singing. This course is ideal for students who demonstrate vocal and ear strengths. Students will have the opportunity to sing and perform often while receiving the necessary foundation to become a well-rounded, skillful musician. While singing mostly a cappella music, the Advanced Choir would also have an opportunity to sing literature with a piano or other instruments.

• Perform music from a variety of time periods and styles
• Ear training for intervals, chords, scales and vocal lines, as well as vowels, consonants, diction, rhythm and pitch accuracy
• Learn the history and theory behind the selected repertoire (repertoire selected to include a piece from the Medieval, Renaissance, Baroque, Classical, Romantic and Contemporary Eras)
• Acquire skills in sight singing that will allow for greater musicality and a faster pace for learning new music
• Eligibility to perform at Ohio Music Education Association (OMEA) Solo and Ensemble Contest
SHOW CHOIR (semester)

Course Number: 772  1.0 Credit  Grades 9-12

Prerequisite: Enrollment is by audition.

Overview: Offered for students who have musical understanding, vocal development, basic movement and dance skills. This choir sings predominantly in three parts with piano but students will develop skills to sing in four parts. Students will also have the opportunity to sing and dance in a variety of styles. Sight-reading and theory will be taught to advance the skillful musician.

- Perform music from a variety of time periods and styles
- Acquire skills in sight singing that will allow for greater musicality and a faster pace for learning
- Learn basic dance and movement skills while singing
- Eligibility to perform at OMEA Solo and Ensemble Contest

INSTRUMENTAL COURSE OFFERINGS

The Instrumental Courses may be taken as a standard letter grade, A-F or Pass/Fail. Students wishing to take the course P/F are required to complete the Pass/Fail Waiver and inform the teacher that they would like to take the course P/F within the first two weeks of the course.

CONCERT BAND (year round; meets before school on Mondays, Wednesdays and Fridays.)

Course Number: 777H  0.5 Credit  Grades 9-12

Prerequisite: Enrollment is by audition or teacher recommendation. Students are expected to be able to demonstrate proficiency on their instrument.

Requirement: Two major performances are required, one each semester.

Overview: Mastering the fundamentals of music and applying them in a performance setting. The concert band setting includes woodwind, brass, piano and percussion.

- Music fundamentals include rhythm, pitch, harmony and form
- Performance fundamentals include tone, articulation, phrasing, keys, musical notation, vocabulary, listening skills and historical knowledge

JAZZ BAND (year round; meets before school on Tuesdays and Thursdays.)

Course Number: 756  0.5 Credit  Grades 9-12

Prerequisite: Enrollment is by audition or teacher recommendation. Students are expected to be able to demonstrate proficiency on their instrument.

Requirement: Two major performances are required, one each semester.

Overview: Mastering the fundamentals of music and applying them in a performance setting. The jazz band setting includes woodwind, brass, piano and percussion.
• Music fundamentals include rhythm, pitch, harmony and form
• Performance fundamentals include tone, articulation, phrasing, keys, musical notation, vocabulary, listening skills and historical knowledge
• Performance fundamentals specific to jazz include blues scales, jazz modes, improvisation, articulation styles and jazz terminology

### STRING ORCHESTRA (year round; meets during Activity Blocks on Tuesdays and Thursdays.)

**Course Number:** 764H 0.5 Credit Grades 9-12

**Prerequisite:** Enrollment is by audition or teacher recommendation. Students are expected to be able to demonstrate proficiency on their instrument.

**Requirement:** Two major performances are required, one each semester.

**Overview:** The string orchestra setting includes violin, viola, cello, bass and harp/piano. This course allows students of varying ages and proficiencies an opportunity to grow and be challenged while mastering the fundamentals of music. Students learn to apply those fundamentals in a performance setting.

- Music Fundamentals: The fundamentals of music include rhythm, pitch, harmony and form.
- Performance Fundamentals: Performance fundamentals include tone, articulation, phrasing, scales, keys, musical notation, vocabulary, listening skills and historical knowledge.
- Students will learn to perform a variety of scales, rhythmic patterns, dynamic expressions and meters with technical accuracy
- Performing musical selections, students will use good intonation, correct bowing and proper fingering
- Students will practice and hone musical selections to improve upon their playing and sight-reading abilities
- Explorations of various musical historical periods and styles will increase students’ knowledge of music history to build a musical repertoire

### INTRODUCTION TO ACCORDION (year round; meets before school on Tuesdays and Thursdays.)

**Course Number:** 780 0.5 Credit Grades 9-12

**Requirement:** Interview with Ms. Cooper to be admitted into this exclusive course.

**Overview:** An introductory study of accordion, including learning to play, musical forms, world music and theory. Students enrolled in this course will be expected to study/play daily on their own and will be given opportunities to collaborate with local musicians.
MUSICAL HISTORY/THEORY COURSE OFFERINGS

These courses will be offered based on student interest and staffing.

MUSIC HISTORY AND APPRECIATION (year round; meets during Activity Blocks.)

Course Number: 749WC 1.0 Credit Grades 9-12

Overview: Designed to introduce students to the fundamentals of music and to use these fundamentals to enhance the student’s ability to critically listen to and appreciate music. The course includes an overview of the chronological history of music. Students will be introduced to numerous composers and to the historical musical periods in which they were composed. In addition students will become familiar with some of the great works of music, learn to identify various musical styles and place them chronologically in the correct musical period.

MUSIC THEORY (semester)

Course Number: 747WC 1.0 Credit Grades 9-12

Overview: Designed to introduce students to the fundamentals of music theory and how to use these fundamentals to analyze music. This course primarily focuses on analytical techniques. In addition, the course will integrate listening exercises, performing exercises and written exercises.

AP® MUSIC THEORY (semester)

Course Number: 759AP® 1.4 Credits Grades 10-12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the Department Chair or previous teacher.

Requirement: Taking the AP® Music Theory Exam is mandatory. The cost is approximately $95.

Overview: Develops a student’s ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal may be best promoted by integrated approaches to the student’s development of aural skills through listening exercises, sight-singing skills through performance exercises, written skills through written exercises, compositional skills through creative exercises and analytical skills through analytical exercises. The course seeks first to instill mastery of the rudiments and terminology of music, including hearing and notating.

SPEAKING AND ACTING COURSE OFFERINGS

PUBLIC SPEAKING, PRESENTATION AND PERFORMANCE (semester)

Course Number: 778 1.0 Credit Grades 9-12

Overview: Develop each student’s ability to communicate effectively in her academic, business and social life. The major emphasis is on the preparation and delivery of formal speeches, but many areas of the communication process are explored. Students will understand and practice various types of verbal and nonverbal communication.
ACTING I: SKITS, SKETCHES AND THEATRICAL BASICS (semester)

Course Number: 770 1.0 Credit Grades 9-12

Overview: Practice the art of acting by learning acting tools that allow students to observe and analyze human behaviors. In this class, students will create new characters and tap into their acting abilities while effectively learning how to alter voice, body language and movement skills on stage.

- Explore your imagination in a variety of improvisational activities
- Use your collaborative skills as you work on scenes and skits for performance
- Practice giving and receiving constructive criticism through peer evaluation and critiques
- Learn and employ new acting terminology
- Grow through both monologue and scene work

ACTING II: EXPLORATION OF CLASSIC AND CONTEMPORARY DRAMA AND THE BUSINESS OF THEATER (semester)

Course Number: 775 1.0 Credit Grades 10-12

Prerequisite: Acting I

Overview: Dive into the world of Shakespeare and learn how to interpret and perform his works. Students also go behind the scenes and learn all of the steps and jobs that go into putting on a show. While discovering the skills they learn from performing arts, they learn how those skills also translate into jobs in the business world. Individual characterization, scene study and analysis, creative thinking, and group projects will be at the heart of this course.

- Understand the words of Shakespeare and perform a monologue from his works
- Explore the business aspects of producing a play and/or musical
- Examine the different jobs in the theater and learn the process of how a show is put together
- Rehearse a one-act-play for performance

DANCE: EXPLORATION OF MOVEMENT (year round; meets during Activity Blocks on Tuesdays and Thursday.s)

Dance: Exploration of Movement may be taken as a standard letter grade, A-F or Pass/Fail. Students wishing to take the course P/F are required to complete the Pass/Fail Waiver and inform the teacher that they would like to take the course P/F within the first two weeks of the course.

Course Number: 799 0.5 Credit Grades 9-12

Overview: A beginning study of several popular dance forms led by the dance instructors of Emjaez studio. Semester one study includes Jazz, Hip Hop, Tap and Lyrical dance. Semester two study includes Musical Theater, Jazz, Ballet and Contemporary dance. The course focuses on the composition, performance and analysis of dance or expressive movement.
**PRE-ENGINEERING AND PROGRAMMING DEPARTMENT**

*Changes may be made to all courses based on academic review, student interest and staffing.*

**Departmental Goal:** The Pre-Engineering and Programming department serves to expose students to the disciplines and skills necessary to pursue a career in STEAM (Science, Technology, Engineering, Art and Math), fields in which women have traditionally been underrepresented. In addition to learning about many STEAM disciplines and exploring college prerequisites for such, the department gives students an introduction to the types of skills necessary to be successful in a college STEAM environment, including an introduction to programming, CAD, new technology like laser engravers and 3D printers and the basics of the design process through many hands-on projects. There is also an AP® Computer Science Principles class for those seeking an entire programming class with the potential of college credit.

### HONORS INTRODUCTION TO PRE-ENGINEERING (semester)

**Course Number:** 145W  
1.0 Honors Credit  
Grades 9-12

**Overview:** What do engineers do? What thinking skills and personality traits are needed to successfully solve engineering problems? An introduction to the design cycle, as well as concepts, skills and logic needed to be successful in a collegiate STEAM program. Students must be self-motivated and willing to investigate complex topics without reliance on step-by-step instructions.

- Introduction to engineering design and structures
- Introduction to pneumatics
- Introduction to 3D modeling using a CAD software
- Introduction to electrical circuits
- Programming of VEX Robots
- Introduction to all Makerspace equipment

### HONORS TOPICS IN PRE-ENGINEERING AND PROGRAMMING (semester)

**Course Number:** 146W  
1.0 Honors Credit  
Grades 10-12

**Prerequisite:** Successful completion of Honors Introduction to Pre-Engineering with a grade of B or higher or instructor approval.

An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor in reading, writing and research assignments. Additionally, there will be a heavier workload.

**Overview:** Introduces students to concepts, skills and logic needed for a successful start in a collegiate STEAM program. An emphasis is placed on creative problem-solving and hands-on project opportunities. Students will have significant independence to choose from a list of available projects and topics based on their own individual
interests. This means that students in each academic block will often be working on projects that differ from other students. While this is not technically an Independent Study Course, it will not be taught in a traditional manner. The instructor will act as a facilitator and heavy emphasis will be placed on independent inquiry, research and experimentation. Students must be self-motivated and willing to investigate complex topics without reliance on step-by-step instructions. This class may be taken for credit more than once as long as different topics are completed the second time. The following is a partial list of available topics:

- Research into engineering disciplines and college engineering programs (or college programming programs)
- Introduction to drafting principles and engineering drawings
- 3D modeling and printing using a CAD software
- 3D Printing from a Virtual Reality Program
- F1 in Schools project in which a miniature F1 car is designed in CAD, manufactured in a CNC router and raced
- Model bridge building and analysis of stress/strain
- Programming in Visual Basic, ALICE, AppLab (Javascript), Python
- Introduction to MATLAB (numerical computing environment and programming language)
- Introduction to manufacture through project using CNC Router, 3D printer and laser
- Units of AP® Computer Science Principles (for those who do not want to take the entire course)

**AP® COMPUTER SCIENCE PRINCIPLES** (year round or semester: TBD based on student interest and staffing)

**Course Number:** 147XC  1.4 AP® Credit  Grades 10-12

**Prerequisite:** Although The College Board states that no prior programming knowledge is necessary to succeed in this class, this rigorous AP® class requires considerable logic, reasoning and analytical skills. Students should have some aptitude for deductive logic, creativity and a strong interest in learning about programming and technology.

**Overview:** Introduce students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing can change the world. This rigorous course promotes deep learning of computational content, develops computational thinking skills and engages students in the creative aspects of the field. The course is unique in its focus on fostering students to be creative. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively when using simulations to explore questions that interest them. Rather than teaching a particular programming language or tool, the course focuses on using technology and programming as a means to solve computational problems and create exciting and personally relevant artifacts. The College Board requires the submission of two performance tasks in addition the standard AP® Exam. Areas of study include:

- The Internet
- Digital information
- Algorithms and programming
- Big data and privacy
- Building apps
- Global impact of technology
Honors Independent Study: Engineering may be taken as a standard letter grade, A-F or Pass/Fail.

Students wishing to take the course P/F are required to complete the Pass/Fail Waiver and inform the teacher that they would like to take the course P/F within the first two weeks of the course. Please note, Honors credit cannot be awarded when a course is taken P/F.

Course Number: 145IS 0.5 Honors Credit Grades 9-12

Overview: Honors Independent Study of Engineering is provided for students who have demonstrated an interest in pursuing one or more engineering content areas in greater depth. It is designed to provide the materials and resources for success in engineering competitions that promote a deeper understanding of STEAM fields. The teacher will act as a facilitator and heavy emphasis will be on independent inquiry, research and experimentation. Requirements include travel and time commitments outside of the regular school day. Students in independent study will focus on one or more projects/competitions (constrained by enrollment and interest), which may include, but are not limited to:

- VEX Robotics Competition team
- Lexus Eco Challenge
- Design project based on student interest
SCIENCE DEPARTMENT

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: The Science department combines scientific study and the use of inquiry based learning to promote relevant scientific knowledge while preparing our students to become critical thinkers.

All students need three units of science to graduate. This must consist of one unit of a life science, one unit of physical science and one unit of advanced study. The phrase “a physical science” includes the courses Physical Science, Chemistry, Honors Chemistry, Physics and Honors Physics. If one of these courses is used for the physical science requirement, it may not be used for the advanced study requirement. Most colleges expect that physical science, biology and chemistry courses have been completed by the student at the high school level. All science classes include lab-based content and practices.

PHYSICAL SCIENCE (semester)

Course Number: 1100 1.0 Credit Grade 9

Overview: Establish a background in the foundation sciences of chemistry, physics and earth science.

- Integration of analytical thinking by using the scientific method and scientific problem-solving skills
- Study of matter and its chemistry
- Investigations concerning changes in forms of energy, waves and electrical energy
- Origin and expansion of the universe, galaxy formation and star classification

BIOLOGY (semester)

Course Number: 102 1.0 Credit Grade 10

Prerequisite: Physical Science

Overview: The exploration of life beginning with the microscopic cell and the investigation of the biochemical processes that support life. Course includes integration of analytical thinking by using the scientific method and problem-solving skills. Course includes laboratory work and emphasizes laboratory skills.

- Cellular basis of life
- Energy processes of living cells
- Cellular basis of inheritance and genetics from DNA to chromosomes
- Relationships between all forms of life
- Changes in organisms through evolutionary time
- Ecology
- Domains of living things and their characteristics
HONORS BIOLOGY (semester)

Course Number: 103  1.0 Honors Credit  Grades 9-10

Prerequisite: An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor in reading, writing and research assignments. Additionally, there will be a heavier workload and more time may be needed for study and homework. Admission to Honors Biology is based upon faculty recommendation.

Overview: Comprehensive study of life processes at the cellular level presented at an accelerated pace. The exploration of life beginning with the microscopic cell and the investigation of the biochemical processes that support life, structures that enable the processes and the biotechnology that is made possible by our understanding of these principles.

- Cell structure, function and processes
- Diversity and interdependence of life
- Heredity including DNA, cellular and modern genetics
- Evolution: Mechanisms and Speciation
- Course includes laboratory work and varied application of critical thinking in the form of debates, journaling, class discussions, as well as independent projects

AP® BIOLOGY (year or semester: TBD based on student interest and staffing)

Course Number: 104XC  1.4 AP® Credit  Grades 11-12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the Department Chair. Students wishing to take AP® Biology should have a B or higher in both Honors Biology and Honors Chemistry. In addition, it is highly recommend students take Honors Anatomy and Physiology and Statistics prior to this course.

Requirement: Taking the AP® Biology Exam is mandatory. The cost is approximately $95.

Overview: Includes those topics regularly covered in a freshman college biology course. Students can expect a rigorous approach to biology that will entail more time to study, do homework assignments and think independently. At times, it may be necessary to extend class time into the Activity Block due to the length of laboratory experiments.

- Provide students with a conceptual framework and factual knowledge of biological topics
- Use analytical skills to deal critically with the rapidly changing science of biology

CHEMISTRY (semester)

Course Number: 110  1.0 Credit  Grades 10-12

Prerequisite: Algebra I

Overview: What is inorganic chemistry and how is it related to the formation of all matter and energy?

- Classification of matter based on its properties
- Mathematical tasks as basic skills to determine chemical relationships
- History and usage of periodic table as a tool
- Formation and identification of ionic and molecular compounds
- Determination of molecular shapes
- Quantifiable concepts in complete and partial chemical reactions
**HONORS CHEMISTRY (semester)**

**Course Number:** 120  
**1.0 Honors Credit**  
**Grades 10-12**

**Prerequisite:** An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor in reading, writing and research assignments. There will also be a heavier workload that may require additional time for study and homework. Those students wishing to take Honors Chemistry are recommended to have a grade of B or higher in Honors Biology and Honors Algebra I.

**Overview:** What is inorganic chemistry and how is it related to the formation of all matter and energy?

- Classification of matter based on its properties
- Mathematical tasks as basic skills to determine chemical relationships
- History and usage of periodic table as a tool
- Formation of ionic and molecular compounds including the identification of hybrid orbitals and sigma and pi bonds
- Determination of the shape of molecules, including trigonal bipyramidal and octahedral shapes
- Quantifiable concepts in chemical reactions, including the use of molarity and density
- Additionally, critical thinking problems and model building

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**AP® CHEMISTRY (year)**

**Course Number:** 121XC  
**1.4 AP® Credit**  
**Grades 11-12**

**Prerequisite:** Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the Department Chair. Those students wishing to take AP® Chemistry should have a B or higher in Honors Chemistry and Honors Algebra II. Students can expect a rigorous approach to chemistry that will entail more time to study, do homework assignments and think independently. At times, it may be necessary to extend class time into the Activity Block, before or after school or at other times as distinguished by the teacher due to the length of laboratory experiments and exams.

**Requirement:** Taking the AP® Chemistry Exam is mandatory. The cost is approximately $95.

**Overview:** How does chemistry determine the natural phenomena seen? How can math be used to predict outcomes of chemical processes? This course is a follow-up to Honors Chemistry and is meant to prepare the student for the Advanced Placement® test in Chemistry. Emphasis is on laboratory experience, mathematical computations and analytical thinking.

- Thermochemistry
- Chemical equilibrium
- Acids and bases
- Reaction rate kinetics
- Electrochemistry
- Independent research project
PHYSICS (semester)

Course Number: 130 1.0 Credit Grades 11-12

Prerequisite: Algebra II

Overview: Are common everyday phenomena, such as how high a ball can be thrown or why a person might not fall out of a roller coaster ride, explainable and predictable? Why do things behave the way they do in the physical world? Students should expect to integrate mathematical skills with scientific concepts on a daily basis.

- Newton’s Laws of Motion
- Force, work, power and energy
- Electricity

HONORS PHYSICS (semester)

Course Number: 131 1.0 Honors Credit Grades 11-12

Prerequisite: An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor in reading, writing and research assignments. Additionally, there will be a heavier workload that may require additional time for study and homework. Those students wishing to take Honors level courses are recommended to have a grade of B or higher in either Pre-Calculus or Honors Pre-Calculus. The pace of this Honors section is accelerated and the orientation of the material is highly mathematical.

Overview: Lab-oriented (with some calculus-based concepts) approach to the principles and relationships governing the physical world. How can basic physical relationships be explained in terms of mathematical relationships?

- Motion and Newton’s Laws
- Forces, momentum and motion
- Energy, work and power

ELECTIVE COURSES TENTATIVELY OFFERED

*** These courses may be taken as electives and do meet department requirements. ***

HONORS ANATOMY AND PHYSIOLOGY (semester)

Course Number: 109 1.0 Honors Credit Grades 10-12

Prerequisite: An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor in understanding and comprehension of physiological concepts. Additionally, there will be a heavier workload that may require more time for study and homework. Those students wishing to take Honors level courses are recommended to have a grade of B or higher in both Biology/Honors Biology and Chemistry/Honors Chemistry.

Overview: Understand the macroscopic and microscopic anatomy and physiology of the human body as well as to appreciate how the systems of the body interact.

- Learning the anatomy/microanatomy of the body
- Understanding how systems of the body work together
- Breaking down diseases, injuries and other health conditions
- Looking at the human body through the eyes of a healthcare provider
ENVIRONMENTAL SCIENCE (semester)

Course Number: 140 1.0 Credit Grades 11-12

Prerequisite: Biology or Chemistry

Overview: Investigate the scientific processes that govern the Earth and to consider the human impact upon those systems. Topics include earth history and the geosphere, atmosphere, hydrosphere, cryosphere, biosphere; which include ecology and population studies. Studies will also include the issues and solutions of human influences on the respective spheres of the Earth.

- Environmental laws, disasters and the tragedy of the commons
- Characteristics of the atmosphere, hydrosphere, cryosphere, geosphere and biosphere
- Laboratory experiences exemplifying the characteristics of these spheres
- Investigate human impacts and interactions with the natural world
- Individual processing, critical thinking and searching for solutions to many environmental issues at both local and global levels
- Project-based learning
- Required field trips
- Required capstone team research project

HONORS SURVEY OF MICROBIOLOGY AND ZOOLOGY (semester)

Course Number: 149X 1.0 Honors Credit Grades 11-12

Prerequisite: An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor in reading, writing and research assignments. Additionally, there will be a heavier workload that may require more time for study and homework. Those students wishing to take Microbiology and Zoology will have achieved a grade of B or higher in both Biology and Chemistry.

Recommended: Honors Anatomy and Physiology

Overview: This lab-oriented course is for students who are interested in both the study of the microbial world and also the animal kingdom. Labs will focus on common techniques used in the study of bacteriology and will also include required dissections in both invertebrate and vertebrate phyla. Topics will include:

- Molecular genetics
- Bacteriology
- Biotechnology
- Taxonomy
- Developmental biology
- Comparative anatomy

LEXUS ECO CHALLENGE (HONORS INDEPENDENT STUDY: ENGINEERING)

This course is offered under the name Honors Independent Study Engineering. Completing the Lexus Eco Challenge is one of many options to receive credit for the Honors Independent Study Engineering course. The full course description can be found in the Pre-Engineering and Program section of the Course Catalog.

Course Number: 145IS 0.5 Honors Credit Grades 9-12

The Lexus Eco Challenge is a national environmental science competition in which teams of 8-10 students compete to study and promote environmental awareness. Students will choose an environmental topic to research, create an action plan for a project, complete their plan and spread awareness through media in an activity based approach to learning environmental science.
SOCIAL STUDIES DEPARTMENT

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: By immersing students in historical thinking skills, such as effective research, document evaluation and interpretation, and writing theses supported with analysis and evidence, the Social Studies Department will prepare students to be active global citizens who compassionately negotiate the constant shift in world perspectives.

WORLD HISTORY/GEOGRAPHY (semester)

Course Number: 041A 1.0 Credit Grades 9-10

Overview: Combines units in Modern World History from 1600 to the era between the World Wars and units in physical geography and human geography. This course studies the social, political, cultural and economic themes that have shaped our world. Students will examine, in-depth, supplemental readings, maps and other materials to develop critical thinking and analytical skills that will help them prepare for possible AP®/college level courses. Literary and historical reading and writing are also major components of the curriculum.

AP® WORLD HISTORY (year round)

Course Number: 440XC 1.4 AP® Credit Grades 9-12

Grade 9 Prerequisite: Students who wish to place into AP® World History during their freshman year are asked to take a Social Studies assessment exam. Assessment exams are arranged through the Admission Office. Placement for AP® World History for 9th graders is based on previous grades, standardized test scores and assessment results.

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from their previous Social Studies teacher.

Requirement: Taking the AP® World History Exam is mandatory. The cost is approximately $95.

Overview: Designed around a clear framework of six chronological periods viewed through the lens of related key concepts and course themes, accompanied by a set of skills that clearly define what it means to think historically.

The six chronological periods are:

- Technological and Environmental Transformations to c. 600 B.C.E.
- Organization and Reorganization of Human Societies c. 600 B.C.E. to c. 600 C.E.
- Regional and Transregional Interactions c. 600 C.E. to c. 1450 C.E.
UNITED STATES HISTORY/HONORS UNITED STATES HISTORY*** (semester)

Course Number: 420 1.0 Credit Grades 10-12

Overview: Examines political, economic, cultural, social and diplomatic events that shaped American life from 1865 to the modern era. Students will build skills such as critical thinking and writing, primary source analysis, historical research and bias detection.

• Industrialization, Immigration, Urbanization and Progressivism (1877-1920)
• America's Rise as a World Power: Imperialism to Post-WWI Era (1898-1930)
• Prosperity, Depression and the New Deal (1919-1941)
• From Isolation to World War (1930-1945)
• The Cold War (1945-1991)
• Social Transformations in the United States (1945-2001)

***Students wishing to further extend their knowledge of United States History can choose to take the course for Honors credit, i.e. Honors United States History. Students choosing this option will have a differentiated curriculum in which they will complete an independent, inquiry-based research component each quarter and may have instruction and/or assessments adjusted to merit an Honors credit.

The Honors United States History curriculum will be presented to students in the first weeks of class. After this presentation, students should work with their parent/guardian, teacher and counselor to decide if taking this accelerated curriculum is appropriate for their education and complete the necessary steps to be fully enrolled in the Honors course.

AP® UNITED STATES HISTORY (year)

Course Number: 423XC 1.4 AP® Credit Grades 10-12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from their previous Social Studies teacher.

Requirement: Taking the AP® United States History Exam is mandatory. The cost is approximately $95.

Overview: Designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. Emphasis is placed on:

• Development of historical thinking skills such as chronological reasoning, comparison and contextualization, crafting historical arguments from historical evidence, and historical interpretation and synthesis.
• Thematic content learning objectives:
  • Identity
  • Work, exchange and technology
  • Peopling
  • Politics and power
  • America in the world
  • Environment and geography - physical and human
  • Ideas, beliefs and culture
GOVERNMENT/ECONOMICS (semester)

Course Number: 430 1.0 Credit Grades 11-12

Overview: Examines essential questions such as: How does the United States Federal Government work? How does governmental decision making affect the economy? What is the citizen’s role in government and economics?

- U.S. Constitution and how it can be modified to meet the needs of a changing society
- Decision making processes in the three branches of the U.S. Government
- Federalism
- Concepts of capitalism, opportunity cost, supply and demand, money and banking, business and labor, international trade, personal finance, etc.

HONORS GOVERNMENT/ECONOMICS (semester)

Course Number: 431 1.0 Honors Credit Grades 11-12

Prerequisite: An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor in reading, writing and research assignments. Additionally, there will be a heavier workload. Those students wishing to take Honors level courses are recommended to have a grade of B or higher in their previous social studies class.

Overview: Provides an in-depth study of the federal government with an emphasis on analytical writing and critical discussion.

- Examination of the U.S. Constitution historically and how it applies today
- Analysis of Civil Rights and Civil Liberties
- Federalism and how it works between states and Federal government
- Real world application of supply and demand, capitalism, opportunity cost and competition

AP® GOVERNMENT AND POLITICS: UNITED STATES (year)

Course Number: 432XC 1.4 AP® Credit Grades 11-12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from their previous Social Studies teacher.

Requirement: Taking the AP® Government and Politics: United States Exam is mandatory. The cost is approximately $95.

Overview: Includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. Students should become acquainted with a variety of theoretical perspectives and explanations for various behaviors and outcomes. Understand typical patterns of political processes and behavior and their consequences. Analyze and interpret basic data relevant to U.S. government and politics.

- Constitutional underpinnings of United States government
- Political beliefs and behaviors
- Political parties, interest groups and mass media
- Institutions of national government
- Public policy
- Civil rights and civil liberties
ELECTIVE COURSES TENTATIVELY OFFERED

*** These courses may be taken as elective and do not meet department requirements. ***

INDEPENDENT STUDY: MODEL UNITED NATIONS (semester)

Sessions will meet weekly at teacher’s discretion. Students can only earn credit for this course one time. If a student would like to continue after earning credit she can join the Model United Nations Club. Independent Study Model United Nations may be taken as a standard letter grade, A-F or Pass/Fail. Students wishing to take the course P/F are required to complete the Pass/Fail Waiver and inform the teacher that they would like to take the course P/F within the first two weeks of the course.

Course Number: 437IS 0.5 Credit Grade 9-12*

Requirement: Participation in at least one Model United Nations competition is required and students are expected to fulfill academic expectations of conferences. The fee is contingent on the number of students enrolled in the class; however, it is estimated to be a minimum of $35. Further competitions may be available for those who choose to participate, at the student’s expense.

Overview: Created to examine the primary functions of the United Nations and its diplomatic role with respect to the political, economic and cultural concerns of the global community. Through research, discussion, negotiation and debate, students will develop plausible solutions to contemporary global problems. These issues include, but are not limited to, human rights, protection of the environment, economic development, disarmament, the proliferation of weapons of mass destruction and the complexities surrounding war and peace.

AP® PSYCHOLOGY (year)

Course Number: 446XC 1.4 AP® Credit Grade 12

Prerequisite: All students who are willing to accept the challenge of a rigorous academic curriculum will be considered for admission to AP® Psychology. Written approval from their previous Social Studies teacher.

Requirement: Taking the AP® Psychology Exam is mandatory. The cost is approximately $95.

Overview: Designed to introduce students to the systematic and scientific study of human behavior and mental processes. Students learn about the concepts, principles and phenomena associated with each of the major subfields of psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

SOCIOLOGY (semester)

Each Sociology class will meet five times over a two-week period. On alternate days students will have independent study time.

Course Number: 436H 0.5 Credit Grades 10-12

Overview: Introduces students to the study of human society and social interactions. The course will focus on the history, theories and methods of the sociological perspective, the role of individuals and groups in social structures, and the influence of socialization and culture on peoples and societies.
**AP® COMPARATIVE GOVERNMENT AND POLITICS (year round)**

**Course Number:** 444XC  1.4 AP® Credit  Grades 12

**Prerequisite:** All students who are willing to accept the challenge of a rigorous academic curriculum will be considered for admission to AP® Comparative Government and Politics. Students must have previously taken U.S. Government to enroll in this course. Written approval from previous Social Studies teacher is required for admittance to the course.

**Requirement:** Taking the AP® Comparative Government and Politics Exam is mandatory. The cost is approximately $95.

**Overview:** Introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives and to communicate to students the importance of global political and economic changes. In addition to covering major concepts through comparison of political systems, the course covers specific countries and their governments. Six countries form the core of the AP® Comparative Government and Politics course: China, United Kingdom, Iran, Mexico, Nigeria and Russia.

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**FACING HISTORY: IDENTITY AND MEMBERSHIP IN AMERICAN SOCIETY (semester)**

Each Facing History class will consist of a blended learning format, meeting two-three days a week. Alternate days students will have independent study time. Class will include a significant online portion.

**Course Number:** 454H  0.5 Credit  Grades 12

**Overview:** Utilizes the Facing History approach of historical study to examine critical events of historical injustice from both World and American History. Facing History’s methodology helps students to critically examine topics such as antisemitism, prejudice and racism through historical case studies, with the ultimate goal of helping students to connect choices of the past with the ethical/moral decisions they will need to make in their own lives.

The class will focus on the following Facing History units:

- Holocaust and human behavior
- Reconstruction: The Fragility of Democracy
- Eyes on the Prize: The Civil Rights Movement
VISUAL ARTS DEPARTMENT

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: The Visual Arts Department is rooted in the universal need for creative expressions and provides students an environment in which to create and collaborate, while dedicated to increasing awareness of cultural diversity, active communication and expression in a contemporary society. Any of the following courses will fulfill the visual arts graduation requirement

ART I (semester)

Course Number: 710 1.0 Credit Grades 9-12

Overview: Concentrates on the elements of art and principles of design through basic drawing techniques and materials. Students will develop technical skills while exploring composition and expression through the process of various art making techniques.

- Emphasis on two-dimensional drawing skills and application of the elements of art and principles of design
- Practice and study of a variety of art processes, techniques and materials
- Create two-dimensional and three-dimensional artwork - drawing, painting, printmaking, design, sculpture and art history
- Introduction to color theory

ART II (semester)

Course Number: 722 1.0 Credit Grades 9-12

Prerequisite: Art I

Overview: Focuses on the exploration of various mediums in the art making process. Students will continue the study and practice of the elements of art and principles of design. Lectures will cover art theory with focus on composition, scale relationship to image size and mixed media manipulation.

- Observational study skills: landscape, portraiture and still life
- Develop two-dimensional drawing and painting skills with a focus on mark-making and color theory
- Explore the world of drawing, painting, printmaking and mixed media
- Expand knowledge of digital media in combination with traditional mediums
- Produce a variety of projects that investigate self-expression and experimentation through an art historical context
- Emphasis on two-dimensional foundation
- Participate in Art and Design college presentations, visiting artists’ lectures and demonstrations, as well as various art-related career opportunities
ART III (semester)

Course Number: 723 1.0 Credit Grades 10-12

Prerequisite: Art I and Art II

Overview: Develop drawing skills using a variety of mediums to investigate perceptual drawing, mark making, formal compositions, and additive and subtractive drawing techniques. Students will also examine color theory, foreground, middleground and background by use of layered materials. Students will create works of art by means of representing the landscape, environment, still life, portrait and anatomical figure studies. Focus will be on the art styles. Lectures will cover an art historical context in drawing and painting with focus on visual analysis between formal and conceptual practices.

- Weekly sketchbook assignments will be essential to the development of individual expression: brainstorming ideas, representing thought process and investigating image making
- Observational exercises and preliminary drawings will facilitate all projects
- Explore a variety of surfaces, textures and colors to investigate the elements and principles of design
- Apply an art historical context to processes and concepts explored
- Engage in visiting artists’ lectures and demonstrations
- Create a finished portfolio of 15-20 artworks
- Develop and activate the creative process of self-expression: focus on individual studio practices with a strong studio work ethic
- Participate in weekly group critiques and individual critiques

AP® STUDIO ART (year)

Course Number: 738XC 1.4 AP® Credit Grade 12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the Department Chair. Students should have taken previous art classes prior to taking AP® Studio Art.

Requirement: Digital submission of the AP® Studio Art Portfolio is the final exam. The portfolio submission is mandatory. The cost is approximately $95.

Overview: Provides students an opportunity to explore, create and develop a body of work. Students creating the portfolios are invested in ideation, concept, process and technique. AP® Studio Art is not evaluated by a written exam, rather a portfolio submission of two required parts: Quality and Sustained Investigations. The portfolio(s) are submitted for evaluation at the end of the school year. AP® Studio Art intensive work ethic will guide the development of creative analysis and intellectual awareness of aesthetic sensibilities. The foundation of this course allows each individual to build her visual language, concepts and skills necessary in a collegiate environment. Students are encouraged to practice independent research, in-class writing, collaborative conferencing, self-assessment and reflection with attention to a critical thought process. The instructional goals of the AP® curriculum are as follows:

- Guide methods of creating art through a woven structure of both formal and conceptual practices
- Help develop a relationship between the formal and conceptual issues; how idea and process informs one another
- Guide in investigating conceptual art theory in relationship to art making processes
- Encourage the development of independent projects based on idea development through individual research
• Promote creative thinking and visual problem-solving
• Engage in thoughtful and relative critiques using an art historical context and contemporary visual language
• Inspire collaborative and outreach projects connected to the Saint Joseph Academy community and beyond
• Investigate conceptual art theory in relationship to art making processes
• Create two parts to your portfolio: Quality and Sustained Investigations
• Two-dimensional figurative drawing will include anatomical, gesture and experimental
• Collaborative and outreach projects connected to the Saint Joseph Academy community and beyond
• Develop and activate the creative process of self-expression: focus on individual studio practices with a strong studio work ethic
• Participate in scheduled Art and Design college presentations and visiting artists’ lectures and demonstrations
• Apply for college merit scholarships and scholastic national/state competitions
• Development of professional practices: create an artist statement and letter of intent, learn how to label artwork, print business cards and collate a printed catalog highlighting the strongest work

CERAMICS I (semester)

Course Number: 7090 1.0 Credit Grades 10-12

Prerequisite: Art I

Overview: Focuses on the elements of art and principles of three-dimensional design within the context of sculpture and ceramics. Emphasis is placed on finding relationships between form, surface, texture and color. Students will produce both additive and subtractive sculptures and ceramics. Clay forming processes include coil building and slab construction. Lectures will cover historical and contemporary work in clay and sculpture. Students will learn how to apply the physical process of making and connecting it with diverse ideas and concepts. Drawing assignments will be essential to the development of individual expression: brainstorming ideas, representing thought process and investigating image making

• Explore basic hand-building techniques in clay: coiling, pinching, slabbing and molding
• Explore surface texture and glazing
• Develop and activate the creative process of self-expression: focus is placed on the student’s individual studio work ethic and collaborative learning environment
• Develop a visual language that connects to three-dimensional design
• Construct functional and nonfunctional artwork
CERAMICS II (semester)

Course Number: 709T 1.0 Credit Grades 11-12

Prerequisite: Due to the cumulative nature of this class, students MUST pass Art I and Ceramics I with a grade of A- or higher.

Overview: Designed as a second level course, which will address the use of ceramics and sculptural processes in a more conceptual manner than the introductory course. Students will explore, in-depth, the communicative and expressive elements of form, texture and space. Students will also refine their observational skills, building a practical understanding of how to think and communicate in three dimensions. This class will consist of lectures, discussions, demonstrations, critiques, problem-solving assignments and primarily, supervised studio work which will broaden the understanding of ceramic use and the role it occupies in the contemporary art world.

- Explore advanced hand-building techniques in clay, including molding and casting, extruded form, scale manipulation and multiples
- Exploration of glaze techniques and usage
- Construct functional and nonfunctional artwork
- Expansion of the understanding of how process informs the content
- Build skills and confidence in verbal and written articulation of your own work

INDEPENDENT STUDY: CERAMICS III (semester)

Course Number: 709IS 1.0 Credit Grades 11-12

Prerequisite: Successful completion of Ceramics I, II a grade of A- or higher and teacher approval.

Overview: Provides for students who have demonstrated an interest in pursuing one or more Ceramics content areas in greater depth. The teacher will act as a facilitator and heavy emphasis will be on independent inquiry, research and experimentation. Requirements include travel and time commitments outside of the regular school day in addition to daily scheduled class time. Students in Independent Study will focus on one or more projects/competitions, which may include, but are not limited to:

- Scholastic Art & Writing Awards
- Ohio Governor’s Youth Art Exhibition
- Other juried exhibitions that change on an annual basis

3D DESIGN (semester)

Course Number: 727 1.0 Credit Grades 10-12

Prerequisite: Art I or Graphic Design I

Overview: Establishes an initial working relationship with basic materials, processes and studio practice in three-dimensional design. Students will learn to utilize visual elements and design principles in manipulating space and creating three-dimensional forms.

- To provide students with knowledge of the technical processes and vocabulary associated with three-dimensional forms
- To develop students’ ability to analyze and discuss three-dimensional works
• To assist students in exploring those individual and cultural issues which influence art, artists and three-dimensional environments
• To reveal and cultivate students’ powers of imagination, creativity and ability to conceptualize in three dimensions

PHOTOGRAPHY I (semester)

Course Number: 718

1.0 Credit

Grades 9-12

Overview: Introduces digital photographic equipment, theory and processes. Upon completion, students should be able to successfully expose, digitally manipulate and print a well-conceived composition. How digital photography impacts visual literacy and how to analyze and interpret photographs will also be explored.

- Master fundamental photographic skills including digital capture, manipulation and output, including large-format printing on a state-of-the-art printer system
- Explore the basics of Adobe Photoshop® for the processing and enhancement of digital photographs
- Develop tools for the making of photographs within the context of the aesthetics of photography
- Explore the basics of composition, motion, light and the aesthetics of the medium
- Explore the cultural phenomenon of photography and how the photograph is perceived by society and our culture
- Complete regular shooting assignments to learn how to think critically and how to create images that tell a story to the viewer
- Explore the fine art of making a digital print and learning critical workflow techniques

PHOTOGRAPHY II (semester)

Course Number: 719

1.0 Credit

Grades 11-12

Prerequisite: Photography I

Overview: Takes the art of visual storytelling to an exciting level. Students will spend equal time outside and in the “Digital Darkroom,” combining their knowledge of the camera with techniques of processing and enhancing their images using Adobe Photoshop®. Students will also have the opportunity to explore the field of digital filmmaking, telling a story, as they plan, shoot and edit a short digital film.

- Create and curate a working portfolio of digital and printed photographs
- Delve deeply into the processes and ethics of digital photo manipulation
- Encourage investigation of formal and conceptual issues in photography
- Develop technical skills and become familiar with the functions of the visual elements
- Discuss the cultural phenomenon of photography and how photography impacts society and culture
- Understand how to create storyboards from scripts
- Learn how to use digital camera and sound equipment
- Learn how to work individually and in crews
INDEPENDENT STUDY: PHOTOGRAPHY (semester)

**Course Number:** 708HIS 0.5 Credit  Grade 11-12

**Prerequisite:** Completion of Photography I and II with a B or higher and/or teacher approval.

**Overview:** Provides students who have demonstrated an interest in pursuing the Photography content area in greater depth. The teacher will act as a facilitator but heavy emphasis will be on independent inquiry, research and visual problem-solving. Good time management and self-direction is a must. This class can be repeated with approval from the instructor.

GRAPHIC DESIGN I (semester)

**Course Number:** 840 1.0 Credit  Grades 9-12

**Overview:** Graphic Design is the art of visual communication through the use of text, images and symbols. Graphic Designers use the elements and principles of design along with software and hand skills to create and combine text, graphics and photography to solve visual problems. Students will learn to create various types of projects such as posters, CD covers and t-shirt designs, as well as how to manipulate and correct photos. Primarily associated with two-dimensional images, it includes:

- Manipulate images as well as correct images in Adobe Photoshop®
- Create original vector art using Adobe Illustrator®
- Learn the process of written and verbal critiques
- Explore layout and composition, typography, and color
- Explore the art of craftsmanship and the presentation of visual solutions

GRAPHIC DESIGN II (semester)

**Course Number:** 705 1.0 Credit  Grades 10-12

**Prerequisite:** Graphic Design I

**Overview:** Continues what was begun in Graphic Design I—developing the skills and techniques needed to produce quality designs, solving real world design problems, participate in design competitions, as well as producing a portfolio.

- Learn advanced applications of the programs Adobe Illustrator® and Adobe Photoshop®
- Use the Makerspace innovation lab in the development of projects
- Explore branding and identity design, advertisement, and three-dimensional design

INDEPENDENT STUDY: GRAPHIC DESIGN (semester)

**Course Number:** 7041 0.5 Credit  Grade 11-12

**Prerequisite:** Successful completion of Graphic Design I and II with a B or higher.

**Overview:** Provides students who have demonstrated an interest in pursuing the graphic design content area in greater depth. The teacher will act as a facilitator but heavy emphasis will be on independent inquiry, research and visual problem-solving. Good time management and self-direction is a must. This class can be repeated with approval from the teacher.
Yearbook may be taken as a standard letter grade, A-F or Pass/Fail. Students wishing to take the course P/F are required to complete the Pass/Fail Waiver and inform the teacher that they would like to take the course P/F within the first two weeks of the course.

**Course Number:** 831Y  
1.0 Credit  
Grades 10-12

**Overview:** Uses Walsworth Online Design (or Adobe InDesign® and Adobe Photoshop®) to produce the school yearbook. Highly self-motivated students are asked to work in an independent, collaborative environment, applying acquired design, journalism, organizational and problem-solving skills to the real world issues involved with printed publications such as fixed deadlines, precise proofreading and shared leadership.

- Create industry standard layouts
- Photo enhancement and correction
- Learn and apply interviewing, writing, editing and proofreading skills
- Work collaboratively on tight deadlines
- Yearbook can be taken multiple years for credit
WELLNESS DEPARTMENT

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: The Wellness Curriculum promotes the health and wellbeing of students through education and initiatives that encourage habits of wellness, increase awareness of factors and resources that contribute to their quality of life and inspire and empower Saint Joseph Academy students to take responsibility for their own health and wellness.

HEALTH EDUCATION (semester)

Course Number: 153  1.0 Credit  Grade 9 Requirement

Overview: Encourages students to develop and maintain positive health habits. They will learn about environmental, hereditary and behavioral factors that can affect their health. The students will learn how their choices affect their health for a lifetime. The focus will be on ways they can improve their total health – physically, mentally, emotionally and socially. Alcohol, tobacco and illegal drug prevention, proper nutrition and fat control, reproduction, pregnancy and STIs, infectious and chronic diseases, organ donation, self-esteem, anxiety and mental health, family/relationships, self-defense, and Red Cross First Aid/CPR certification will be the main topics. Students will take a Blended Learning Course through the American Red Cross CPR/First Aid, which will be conducted during the health class. There is a $13 fee for CPR/First Aid for all students taking Health class.

- Lifelong eating habits project
- Several skill-related small activities throughout each unit

PHYSICAL EDUCATION (PE) (semester)

Course Number: 161H  0.5 Credit  Grades 9-12

Requirement: $29 uniform fee

Overview: Regular physical activity is important throughout a student’s lifetime. This class is a fun, interactive and collaborative class that will teach students how to develop and practice healthy physical techniques/activities that can be used for a lifetime. Activities may include the following:

- Fitness training (lifelong fitness project)
- Zumba
- Archery and golf
- Soccer and softball
- Basketball and volleyball
- Fitness days
Credit Earned for Physical Education: Students may receive credit for PE under the guidelines set forth by the Ohio Department of Education, Section 3313.603 of the Ohio Revised Code. A student must receive approval from her counselor before pursuing credit for PE outside of Saint Joseph Academy. To fulfill this requirement, a student must participate in interscholastic athletics, marching band or cheerleading for at least two full seasons. If credit is granted, it will appear as an addendum to the Saint Joseph Academy transcript and the grade will not be calculated into the student’s grade point average.

WELLNESS CURRICULUM (year)

Course Number: 151IS  0.5 Credit Pass/Fail  Required Each Year

Overview: Includes but is not limited to physical, mental, emotional and spiritual wellness. Students earn a required number of credits each school year by selecting from various options within the four aspects of wellness. The curriculum encourages students to grow to make their own choices about their wellness. The Wellness Curriculum includes the following options, but is not limited to:

- Meditation
- Bible study
- How to change a tire
- Tai Chi
- Reflective coloring
- Balancing a checkbook
- Knitting and sewing
- Fitness Center
- Various speakers
- Interview and resume writing
WORLD LANGUAGES DEPARTMENT

Changes may be made to all courses based on academic review, student interest and staffing.

Departmental Goal: The World Languages Department enhances college and career-readiness language skills to empower students to communicate in different modes of the target language in order to use the language with people locally and around the world. As they experience language from multiple perspectives, their communication skills will grow to reflect their understanding of and respect for the target culture.

8th Grade Assessment: Students desiring to enter level II or above must meet at least one of the requirements below and are required to take the skills-based assessment exam. Schedule assessment through the Admission Office during February/March.

- Equivalent to one year of a high school language
- Heritage/native speaker

FRENCH I (semester)

Course Number: 611 1.0 Credit Grades 9-12

Overview: Comprises a basic understanding of content knowledge and communication skills that develop insight into the nature of language and culture. Specifically, students will build their French skills by daily speaking, listening, reading and writing through different themes. Cross-curricular patterns, structures, strategies and comparisons of the French language to the English language are examined. Themes for the class include but are not limited to:

- Greeting
- Schools
- Hobbies
- Cuisine
- Family
- Professions
- Pastimes and entertainment
- Holiday traditions; the Francophone world

FRENCH II (semester)

Course Number: 621 1.0 Credit Grades 9-12

Overview: Emphasizes the development of proficiency through the strong foundation of the spoken language and written text. Students will confidently expand their French fluency and pronunciation by engaging in meaningful French conversation daily. They will listen and respond to native speakers in diverse accents from the French speaking world. Emphasis is placed on the student as productive and accountable learners to be open-minded as they grow linguistically and culturally.
Themes include but are not limited to:

- Shopping and dining for food
- Illness and global health care
- Technology
- Navigating French cities and towns
- Home life

**HONORS FRENCH III** (semester)

**Course Number:** 630  
1.0 Honors Credit  
Grades 10-12

**Prerequisite:** An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor with skills-based assignments and assessments. Additionally, there will be a heavier workload. Those students wishing to take Honors level courses must speak to their most recent language teacher to discuss the appropriate expectations of this Honors course in relation to their reading, writing, listening and speaking proficiency levels in previous language courses. Evidence of student proficiency will be measured through student performance.

**Overview:** Establishes the student as a lifelong learner, motivated to set her own goals and reflect on her progress as she begins to reach higher levels of proficiency. As productive global citizens, there will be an increased use of technologies when interpreting messages, interacting with others and producing written, oral and visual messages. Students will analyze and synthesize authentic information as well as negotiate meaning across language and culture in order to explore problems and issues from their own and different perspectives.

Themes for class include but are not limited to:

- Relationships, feelings and family life
- French city life and directions
- Media influences
- Laws, legal rights and national security
- Immigration, diversity and social problems
- Introduction to French literature

**HONORS FRENCH IV** (semester)

**Course Number:** 650  
1.0 Honors Credit  
Grades 10-12

**Prerequisite:** Previous French teacher and/or Department Chair approval.

**Overview:** Reviews material covered in previous French courses along with continuing grammatical and cultural studies. Students will complete various assessments such as reading authentic texts and interpreting various written or audio sources (novels, poems, interviews, movies, documentaries, etc.). Students can take Honors French IV after completion of Honors French III. However, this is not a prerequisite for Advanced Placement® French.
AP® FRENCH (semester)

Course Number: 661XC 1.4 AP® Credit Grades 11-12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the previous French teacher and/or Department Chair.

Requirement: Taking the AP® French Language Exam is mandatory. The cost is approximately $95.

Overview: Demonstrates mastery of the content knowledge and skills from previous levels of French that prepare the students for 21st century college and career readiness skills. Students as responsible leaders leverage their linguistic and cross-cultural skills to inspire others to be fair, accepting, open and understanding within and beyond the local community. Their high level of proficiency and excellent command of French will be used beyond high school to learn from and work cooperatively across cultures, sharing responsibility to make compromises while working toward a common goal. Themes include:

- The search for self
- Art and beauty
- Science and technology
- Global conflicts
- Family and community
- Contemporary life
- Anglophone and Francophone worlds
- Analyze listening materials intended for native-speaking audiences, such as news and radio broadcasts, advertisements and film clips
- Literary works from but not limited to Une Si Longue Lettre and L’Étranger

LATIN I (semester)

Course Number: 613 1.0 Credit Grades 9-12

Overview: Comprises a basic understanding of vocabulary, grammar and communication skills that develop insight into the nature of the language, culture and history of the ancient Romans. Specifically, students will build their Latin translation skills by reading and writing through readings adapted from original Latin. Cross-curricular patterns, structures, strategies and comparisons of the Latin language to the English language are examined.

Themes include but are not limited to:

- Ancient Romans
- Geography
- Art
- Architecture
- Entertainment
- Food
- Clothing
**LATIN II (semester)**

**Course Number:** 623  
1.0 Credit  
Grades 9-12

**Overview:** Emphasizes the development of grammar study and passage translation through the strong foundation of translation skills. Students will confidently expand their Latin fluency by engaging in daily meaningful readings of Latin passages. They will explore the culture of ancient Romans through interpretive and presentational communicative assignments. Emphasis is placed on the student as productive and accountable learners to be open-minded as they grow linguistically and culturally. Themes for the class include but are not limited to:

- Ancient Romans, Celts and Egyptians
- Geography
- Art
- Architecture
- Entertainment
- Food
- Clothing
- Cultural values

**HONORS LATIN III (semester)**

**Course Number:** 633  
1.0 Honors Credit  
Grades 10-12

**Prerequisite:** An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor in reading, writing and research assignments. Additionally, there will be a heavier workload. Evidence of student proficiency will be measured through student performance. Those students wishing to take Honors level courses must speak to their most recent language teacher to discuss the appropriate expectations of this Honors course in relation to their reading, writing, listening and proficiency levels in previous language courses.

**Overview:** Establishes the student as a lifelong learner, motivated to set her own goals and reflect on her progress as she begins to reach higher levels of proficiency with grammar and translation. As productive global citizens, there will be an increased use of technologies when interpreting messages, interacting with others and producing written and visual messages. Students will analyze and synthesize authentic information as well as negotiate meaning across language and culture in order to explore problems and issues from their own and different perspectives.

- Grammar completed with study of the subjunctive mood
- Completion of Cambridge Latin Course, Unit 3; Transition into Translation of authentic Latin in the works of Caesar, Cicero, Pliny, Catullus, Ovid and others
- Deepened cultural understanding through background study of these and other authentic readings

**AP® LATIN: JULIUS CAESAR AND VERGIL (year or semester: TBD based on student interest and staffing)**

**Course Number:** 646XC  
1.4 AP® Credit  
Grades 11-12

**Prerequisite:** Prerequisite 85% or higher in Honors Latin III and Latin teacher approval.

**Requirement:** Taking the AP® Latin: Julius Caesar and Vergil Exam is mandatory. The cost is approximately $95.

**Overview:** Develops the ability to read, translate, understand, analyze and interpret in Latin portions of Books 1, 2, 4 and 6 of Vergil’s *Aeneid* and portions of Books 1, 4, 5 and 6 in Julius Caesar’s *Gallic War*. The course will also develop the ability to read, understand, analyze and interpret in English Books 1, 2, 4, 6, 8 and 12 in Vergil’s *Aeneid* and Books 1, 4 and 6 in Julius Caesar’s *Gallic War*. The College Board AP® Latin syllabus “includes readings in Latin and English from Vergil’s *Aeneid* and Caesar’s *Gallic War*. Reading in English helps students identify significant themes, central characters and key ideas in the Latin passages” (College Board). Students will analyze Latin and English syllabus
readings through historical, social, cultural and political lenses. Students will also examine passages by other authors periodically throughout the course to build at sight reading skills. “Recommended prose authors include Nepos, Cicero (excepting his letters), Livy, Pliny the Younger and Seneca the Younger. Recommended verse authors include Ovid, Martial, Tibullus and Catullus...” (College Board).

- AP® syllabus selected passages from Caesar’s De Bello Gallico and Vergil’s Aeneid
- Grammatical structures and vocabulary
- Literary technique of poetry and prose
- Cultural, social and political context of the works of Caesar, Vergil and other contemporaries

MANDARIN CHINESE I: INTRODUCTION TO CHINESE CULTURE AND LANGUAGE (semester)

Course Number: 690 1.0 Credit Grades 9-12

Overview: Acquaints students with Asian cultures, modern China and Chinese language. The course is designed for students to generate broad interest in Asia so that students can proceed to a general study of Chinese language and culture. The lessons will integrate culture with language practices that all tie into the main theme of each unit. Students will learn four language skills for daily communication. Basic sentence patterns, vocabulary, pinyin system and writing simplified characters are all practiced in meaningful contexts. Themes include but are not limited to:

- Greetings/Chinese culture and history
- Asian countries
- Family
- Dates and time
- School and sports

MANDARIN CHINESE II: INTRODUCTION TO CHINESE CULTURE AND LANGUAGE (semester)

Course Number: 691 1.0 Credit Grades 9-12

Overview: Emphasizes the development of proficiency through the strong foundation of the spoken language and written text organized thematically. Students will confidently expand their Chinese fluency and pronunciation by engaging in daily meaningful Chinese conversation. They will listen and respond to native speakers in diverse accents from around the Chinese-speaking world, specifically, Mainland China and Taiwan. Emphasis is placed on the student as productive and accountable learners to be open-minded as they grow linguistically and culturally. Proficiency will be demonstrated through student performance. Topics include but are not limited to:

- Food and restaurants
- Clothing and shopping
- Feeling and emotions
- Daily routine
- Extracurricular activities
HONORS MANDARIN CHINESE III (semester)

Course Number: 697  1.0 Honors Credit  Grades 10-12

Prerequisite: An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor with skills-based assignments and assessments. Additionally, there will be a heavier workload. Evidence of student proficiency will be measured through student performance. Those students wishing to take Honors level courses must speak to their most recent language teacher to discuss the appropriate expectations of this Honors course in relation to their reading, writing, listening and speaking proficiency levels in previous language courses.

Overview: Establishes the student as a lifelong learner, motivated to set her own goals and reflect on her progress as she begins to reach higher levels of proficiency. As productive global citizens, technology integration will be the focus when interpreting messages, interacting with others and producing written, oral and visual messages. Students will analyze and synthesize authentic information as well as negotiate meaning across language and culture in order to explore problems and issues from their own and different perspectives. Topics include but are not limited to:

- Popular Chinese dishes
- Cities and traveling
- Locations and directions
- Work and activities in summer time

HONORS INDEPENDENT STUDY: MANDARIN CHINESE IV (semester)

Course Number: 698IS  1.0 Credit  Grades 11-12

Prerequisite: This Honors Independent Chinese IV course is offered for the Chinese heritage speakers whose language proficiency is beyond the Honors Chinese III offered at Saint Joseph Academy. Students who finished AP® Chinese and wish to continue learning Chinese are also eligible for taking this course.

Overview: Expands knowledge and use of the language mainly in reading and writing. Students will learn to complete interpretive tasks independently at their own pace. The topics covered in this course will be related to school, home and leisure activities as well as topics such as employment, current events and matters of public and community interest. Course assignments will be posted weekly on Google Classroom and the textbook Reading Into a New China (Volume 1) will be used as the reading and writing materials. Students will also set up in-person meetings with the teacher to discuss the assignments (the discussions will be conducted in Chinese).
AP® MANDARIN CHINESE (year or semester: TBD based on student interest and staffing.)

Course Number: 692XC 1.4 AP® Credit Grades 11-12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the previous Chinese teacher and/or Department Chair. The written approval will include, but not be limited to, proficiency levels, expectations, self-regulated practice assignments and online work to close any existing gaps.

Requirement: Taking the AP® Chinese Language Exam is mandatory. The cost is approximately $95.

Overview: Demonstrates mastery of the content knowledge and skills from previous levels of Chinese that prepare the students for 21st century college and career readiness skills. Students as responsible leaders leverage their linguistic and cross-cultural skills to inspire others to be fair, accepting, open and understanding within and beyond the local community. Their high level of proficiency and excellent command of Chinese will be used beyond high school to learn from and work cooperatively across cultures, sharing responsibility to make compromises while working toward a common goal. Topics are:

- Sustain conversations in Chinese on a variety of topics
- Analyze listening materials intended for native-speaking audiences, such as news and radio broadcasts, advertisements and film clips
- Use new vocabulary and previously mastered structures to write persuasively with support from authentic Chinese sources
- Use new vocabulary and previously mastered structures to write culturally appropriate email correspondence
- Use mastered vocabulary and structures to introduce Chinese culture in three modes (perspectives, practices and products)

SPANISH I (semester)

Course Number: 612 1.0 Credit Grades 9-12

Overview: Comprises a basic understanding of content knowledge and communication skills that develop insight into the nature of language and culture. Specifically, students will build their Spanish skills by daily speaking, listening, reading and writing through different themes. Cross-curricular patterns, structures, strategies and comparisons of the Spanish language to the English language are examined. Proficiency will be demonstrated through student performance.

- Greetings
- School
- Family
- Hobbies and sports
- Vacations
- Geography and Hispanic culture

SPANISH II (semester)

Course Number: 622 1.0 Credit Grades 9-12

Overview: Emphasizes the development of proficiency through the strong foundation of the spoken language and written text organized thematically. Students will confidently expand their Spanish fluency and pronunciation by engaging in meaningful Spanish conversation daily. They will listen and respond to native speakers in diverse
accents from the Spanish-speaking world. Emphasis is placed on the student as productive and accountable learners to be open-minded as they grow linguistically and culturally. Proficiency will be demonstrated through student performance.

- Clothing and shopping
- Daily routines and chores
- Food and restaurants
- Entertainment and celebrations

**HONORS SPANISH III (semester)**

**Course Number:** 639 1.0 Honors Credit Grades 10-12

**Prerequisite:** An Honors level course is significantly more demanding than a regular course. There will be a higher level of rigor with skills-based assignments and proficiency assessments. Evidence of student proficiency will be measured through student performance. Additionally, there will be a heavier workload. Those students wishing to take Honors level courses must speak to their most recent language teacher to discuss the appropriate expectations of this Honors course in relation to their reading, writing, listening and speaking proficiency levels in previous language courses.

**Overview:** Establishes the student as a lifelong learner, motivated to set her own goals and reflect on her progress as she begins to reach higher levels of proficiency. As productive global citizens, technology integration will be the focus when interpreting messages, interacting with others and producing written, oral and visual messages. Students will analyze and synthesize authentic information as well as negotiate meaning across language and culture in order to explore problems and issues from their own and different perspectives.

- Health and wellbeing
- Travel
- Environment
- Technology

**HONORS INDEPENDENT STUDY: SPANISH IV (semester)**

*In the case that a student is taking Honors Spanish IV after taking AP® Spanish, she may choose to take the class for a standard letter grade, A-F for honors credit or Pass/Fail. Students wishing to take the course P/F are required to complete the Pass/Fail Waiver and inform the teacher that they would like to take the course P/F within the first two weeks of the course. Please note, honors credit cannot be awarded when a course is taken P/F.*

**Course Number:** 649IS 1.0 Honors Credit Grades 9-12

**Prerequisite:** Previous Spanish teacher and/or Department Chair Approval.

**Overview:** Includes an intensive online independent study of Spanish grammar and an in-person speaking and writing lab. The online component will include an in-depth emphasis on comprehension of key grammatical concepts while the lab is for students to practice speaking and writing the language and for the teacher to provide meaningful feedback to students. Due to the nature of the course, a student with strong time-management skills is necessary. This course is intended to provide a bridge between the Honors Spanish III course and Advanced Placement® Spanish and/or university-level Spanish. However, it is not a prerequisite for Advanced Placement® Spanish.
AP® SPANISH LANGUAGE (year)

Course Number: 653XC 1.4 AP® Credit Grades 11-12

Prerequisite: Those students wishing to take AP® level courses will have demonstrated intellectual scholarship in the subject and have received prior written approval from the most recent Spanish teacher and in some cases, the Department Chair. This written approval will include, but not be limited to, proficiency levels, expectations, individual review and a possible online workload to close any existing gaps between levels.

Requirement: Taking the AP® Spanish Language Exam is mandatory. The cost is approximately $95.

Overview: Demonstrates mastery of the content knowledge and skills from previous levels of Spanish that prepare the students for 21st century college and career readiness skills. Students as responsible leaders leverage their linguistic and cross-cultural skills to inspire others to be fair, accepting, open and understanding within and beyond the local community. Their high level of proficiency and excellent command of Spanish will be used beyond high school to learn from and work cooperatively across cultures, sharing responsibility to make compromises while working toward a common goal. Topics include:

- Global challenges
- Personal and public identities
- Science and technology
- Beauty and aesthetics
- Contemporary life
- Families and communities

SPANISH FOR HERITAGE SPEAKERS (semester)

Course Number: 654 1.0 Credit Grades 9-10

Prerequisite: Must be a native or heritage speaker of Spanish who already has some oral language proficiency.

Overview: Enables students whose heritage language is Spanish to develop, maintain and enhance proficiency in Spanish by providing them the opportunity to listen, speak, read and write in a variety of contexts and for a variety of audiences including the family, school and community. The course will allow students to explore the cultures of the Hispanic world, including their own, enabling students to gain a better understanding of the nature of their own language as well as other languages to be acquired.

SPANISH FOR HERITAGE SPEAKERS II (semester)

Course Number: 655 1.0 Credit Grades 10-12

Prerequisite: Must be a native or heritage speaker of Spanish who already has some oral language proficiency and have taken Spanish for Heritage Speakers I.

Overview: Enables students whose heritage language is Spanish to develop, maintain and enhance proficiency in Spanish by providing them the opportunity to listen, speak, read and write in a variety of contexts and for a variety of audiences including the family, school and community. The course will allow students to deepen their understanding of the cultures of the Hispanic world, including their own, enabling students to gain a better understanding of the nature of their own language as well as other languages to be acquired.
INDEPENDENT LEARNING TIME

CREDIT FLEXIBILITY

Course Number: TBD  1.0 (Honors) Credit  Grades 9-12

Students wishing to design, develop and implement their own independent study course should see their counselor.

INDEPENDENT STUDY TIME (year)

Course Number: 1060 0.0 Credit  Grades 9-12

This time is taken to fill an empty AP® block.

INDEPENDENT STUDY TIME (semester)

Course Number: 1000 0.0 Credit  Grades 9-12

This time is taken to fill an unused full academic block.