

PROGRAM OF STUDY GUIDE

2018-19



Villa Angela-St. Joseph

High School

Faith. Family. Future.

January 2018

Dear Parent/Guardian,

The student course selection is an essential component of the re-registration process for the upcoming academic year. The Program of Study Guide is designed to assist students and their families in the course selection process. It includes a brief description of each course, including credit value, prerequisites (if any) and if applicable, course fees. You will also find important information including our scheduling procedures, graduation requirements, subject sequences and College Credit Plus.

Please review the entire booklet carefully as some of the information and procedures have changed. This year, our course selection process will be completed electronically. We are also pleased to announce the addition of several new courses such as Ceramics, Military History and Trades.

Please note the deadlines regarding course requests and registration paperwork. These will be strictly enforced and fees may apply.

The course selection process is not to be taken lightly. The master schedule, including number of courses offered, is determined by these selections. Special attention should be given to core requirements, college requirements and career/personal interests. The importance of taking challenging courses is to be emphasized.

All students need a solid academic foundation to ensure a successful future. We are proud of our academic programs. It is our goal to continue to develop the academic achievement of our students.

Pax Christi,



David M. Csank
Principal

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Villa Angela-St. Joseph High School Mission Statement

Villa Angela - St. Joseph High School is a Catholic, comprehensive, coeducational school committed to high academic achievement and the development of student gifts.

Rooted in Ursuline and Marianist traditions of education, service, justice and diversity, Villa Angela - St. Joseph High School strives to bring each student to a deeper commitment to Jesus Christ and Gospel values.

Core Values of Marianist Education

Educate for Faith Formation
Provide an Integral and Quality Education
Educate in a Family Spirit
Educate for Service, Justice and Peace
Educate for Adaptation and Change

Core Values in Ursuline Education

Spirituality
Academic Excellence
Emphasis on the Individual
Women as Leaders
Community and Bondedness
Service Consciousness
Embracing Change

REGISTRATION PROCESS / COURSE SELECTION TIMELINE

JANUARY

- Teachers submit required course placement recommendations.*
- The Program of Study Guide is updated and made available to students and families to review and discuss course selections.

FEBRUARY

- Guidance counselors meet with students to assist with the course request/registration process. The students will enter their selections electronically through Powerschool.
- Families are notified when course selections are completed. Parents/Guardians are instructed to review the selections through their Powerschool accounts, under the “Class Registration” tab. If a change is requested, the student must contact their guidance counselor to facilitate any future course changes.
- Course selections are “locked down”. After this time, changes can only be made by following the “Course Change Procedure” (see below). Course change fees will apply- no exceptions.

*Every effort is made to place students in the most appropriate classes to ensure academic success. Placements are based on the student’s previous academic progress, test scores and other factors. Deviation from these recommendations is **highly discouraged** however the parent/guardian may elect to waive the decision. The “Request for Academic Placement Override” form must be signed and submitted to the student’s guidance counselor. If the class change can be made, the decision may not be rescinded once the academic year begins.

****ADDITIONAL NOTES:**

- VASJ reserves the right to cancel courses based on insufficient enrollment or lack of teacher availability. Should it become necessary to eliminate an elective course, an alternate choice will be added.

COURSE CHANGE REQUEST / PROCEDURE

Applicable to changes after selections have been “locked down”:

1. Changes are discouraged after this date since the master schedule and corresponding faculty are based on previous selections.
2. For changes prior to the beginning of the school year:
 - a. The student must meet with their counselor to discuss a potential course change. If approved, the student will receive a course change form.
 - b. All required signatures must be obtained and a **\$50** fee submitted prior to the schedule change.
 - c. Changes are contingent on course availability and student numbers.

VILLA ANGELA– ST. JOSEPH HIGH SCHOOL
ACADEMIC OFFERINGS

Academic programs available to service students include:

- **Honors Program/Advanced Placement Program/College Credit Plus**
- **College Preparatory Program**
- **Learning Disability Program**

*Students with previous special educational programming through an IEP or service plan accommodations must present these documents prior to registration, if special services are requested.

Graduation Requirements

Requirements for graduation from VASJ include successful completion of the following:

Religion	4 credits
English	4 credits
Mathematics	4 credits
Social Studies	3 credits
Science	3 credits
Fine Arts	1 credit
Physical Education	½ credit
Health	½ credit
Viking Mindset	½ credit
Viking Vectors	½ credit
<u>Electives</u>	<u>5 credits</u>
Total	26 credits

Honors Diploma

Students must meet a minimum of 7 of the 8 following requirements:

English	4 credits
Mathematics	4 credits*
Science	4 credits*
Social Studies	4 credits
Foreign Language	3 credits*
Fine Arts	1 credit
GPA	3.5 min
ACT	27 min Composite Score
SAT	1280 Verbal + Math Score

*Specific criteria applies; consult with guidance counselor for complete information.

College Admission Recommendations

English	4 credits
Mathematics	4 credits
Science	3 credits
Social Studies	3 credits
Foreign Language	2-3 credits (min 2 credits same language)
Fine Arts	1 credit

ACADEMIC REQUIREMENTS - COMPARISON

	VASJ Graduation Requirements	Honors Diploma *meet 7 of 8 below	College Admission Recommendations
Religion	4 credits	---	---
English	4 credits	4 credits	4 credits
Mathematics	4 credits	4 credits²	4 credits
Social Studies	3 credits	4 credits	3 credits
Science	3 credits	4 credits³	3 credits
Fine Arts	1 credit	1 credit	1 credit
Physical Education	½ credit	---	---
Health	½ credit	---	---
Viking Mindset	½ credit	---	---
Viking Vectors	½ credit	---	---
Electives	6 credits	Foreign Language 3 credits⁴	Foreign Language 2-3 credits
		Min cumulative GPA of 3.5⁵	
		Min composite score: ACT- 27; SAT- 1280	
TOTAL	27 credits⁴		

¹ Students must also fulfill all (testing) requirements as designated by the Ohio Department of Education.

² Algebra 1, Geometry, Algebra 2, Advanced Math or Pre-Calc

³ Chemistry and Physics required

⁴ 3 credits in one language or 2 credits each in two

NOTE: This chart is for comparative purposes. Consult the Parent/Student Handbook or speak with your guidance counselor for complete information.

MINIMUM CREDITS REQUIRED BY GRADE LEVEL

<u>DEPT</u>	<u>GR 9</u>	<u>GR 10</u>	<u>GR 11</u>	<u>GR 12</u>
English	1	1	1	1
Math	1	1	1	1
Religion	1	1	1	1
Science	1	1	1	---
Social Studies	1	1	1	0.5
PhysEd/Viking Mindset	1	---	---	---
Health	---	0.5	---	---
Viking Vectors	---	---	0.5	---
Total	6	5.5	5.5	3.5
+ Electives	1	1.5	1.5	3.5
<u>GRAND TOTAL REQUIRED CREDITS</u>	7	7	7	7

2018-19 ELECTIVES

<u>Department</u>	<u>Course</u>	<u>Credit Assigned</u>
Business/ Technology	Introduction to Java	0.5
	Microsoft Technology Associate 1, 2, 3, 4	0.5 each
	Office Applications	0.5
	Yearbook Business Experience 1, 2, 3	1.0 each
	Gaming 1, 2, 3 (semester each)	0.5 each
	Photoshop	0.5
Engineering	Engineering 1, 2, 3, 4	0.5 each
	Robotics 1, 2, 3, 4	0.5 each
English	Creative Writing	0.5
	Women in Literature	0.5
	Speech and Debate	0.5
	Dystopian Novels	0.5
	Social Justice through Literature	0.5

<u>Department</u>	<u>Course</u>	<u>Credit Assigned</u>
Family and Consumer Sciences	Culinary Arts 1, 2	0.5 each
Fine Arts	Introduction to Art	0.5
	Drawing 1	0.5
	Painting 1	0.5
	Advanced Drawing	0.5
	Advanced Painting	0.5
	Ceramics 1, 2	0.5 each
	Choir	1
	Men's Choir	1
	Women's Choir	1
	Introduction to Band	1
	Symphonic Band	1
	Music Awareness	1
	Piano	0.5
	Theatre	0.5
Miscellaneous	Service Learning (Hospice)	1
	Academic Decathlon	1
	Study Hall	0
	Directed Study	0.5
	College Credit Plus	varies
PhysEd/Health	Physical Education	0.5
	Strength Training	0.25
	Introduction to Coaching	0.25
Science	Anatomy & Physiology	1
	AP Chemistry	1
	CP Physics/Lab	1
	Honors Physics/Lab	1
	Environmental Science	1
	AP Biology	1
Social Studies	AP United States History	1
	AP United States Government and Politics	1
	Psychology	0.5
	Scaminese Character & Leadership Course	0.5
	20th Century America	0.5
	Women in America	0.5

Social Studies

African American History	1
Street Law	0.5
Sociology	0.5
Military History	0.5

World Languages

French 1, 2, 3	1 each
Spanish 1, 2	1 each
Spanish Composition	1

COURSE DESCRIPTIONS

BUSINESS

Yearbook Business Experience 1, 2, 3

Code: 793/794/795

Length: Year

Fee: None

Credit: 1

Prerequisite: Sophomore, junior or senior standing

Work in a high-tech 21st century entrepreneurial business. These student-run and teacher facilitated courses give students experience planning, working in and managing a high-tech yearbook product business. Students apply for positions in the business to plan, sell, manage and produce a yearbook using high-tech business products (e.g., Josten's Yearbook Avenue and Adobe Photoshop) and techniques (e.g., online marketing, sales, and accounting) that encompass Marianist and Ursuline values. The business has several positions (e.g., sales, marketing, design, photography, production, writing, management, and editing). Each student must sell \$200 of advertising and in turn they receive a free yearbook.

ENGINEERING

Engineering 1

Code: 751

Length: Semester

Fee: \$25

Credit: 0.5

Prerequisite: Sophomore, junior or senior standing *or* enrollment in Honors Math course (freshman)

This course introduces students to the basic spatial skills and techniques used by practicing engineers for model building and design collaboration and communication. Students will understand the problem solving and design processes through mechanical drawing and bridge building. They will also investigate the various fields of engineering in consideration of pursuing future studies in our engineering and technology program.

Engineering 2

Code: 752

Length: Semester

Fee: \$25

Credit: 0.5

Prerequisite: Engineering 1

This course is designed for the student who has decided to pursue an engineering career. Students will continue to build technical design and writing skills using drawing board and computer aided design (CAD) techniques. Mechanical, civil, electrical, and environmental engineering applications will be explored through computerized bridge development and robot construction.

Engineering 3

Code: 753

Length: Semester

Fee: \$25

Credit: 0.5

Prerequisite: Engineering 1 and 2

This course is designed for the serious minded future engineers. Students will be embedded in the Engineering 1 class as team leaders. They will also advance their knowledge of mechanical, civil, electrical, and environmental engineering applications as they continue their computer aided design program, compete in the Science Olympiad, and become 3D printing experts.

Engineering 4

Code: 754

Length: Semester

Fee: \$25

Credit: 0.5

Prerequisite: Engineering 1, 2, 3

This course is designed for those students desiring to use their engineering knowledge to complete their computer aided design program, compete in the Science Olympiad, and manage all 3D printing training and production. Additionally, the students must have their own upper level engineering project they wish to undertake related to any one of the engineering fields.

Robotics 1, 2, 3, 4

Code: 745/746/747/748

Length: Semester

Fee: \$25

Credit: 0.5

Prerequisite: None

Robotics is a self-paced class where students may work in any one of our labs learning on our small robots, working on the competition robot teams, exploring drone technology, or designing their own robot. Grading is based only on weekly production with reflection papers each quarter. May include out-of-school requirement to finish projects and also attend competitions.

ENGLISH

CP English 1

Code: 010

Length: Year

Credit: 1

Prerequisite: Department Placement

This English course presents basic English skills for the high school student. Writing exercises focus on the development of well-written sentences, which use standard English grammar. Students then develop and write cohesive paragraphs to be expanded into a multi-paragraph essay in fourth quarter. Literature studies include mythology, the short story, the novel and drama. Vocabulary development is stressed in conjunction with both writing and literature activities.

Honors English 1

Code: 017

Length: Year

Credit: 1

Prerequisite: Department Placement

The content of this course is outlined in CP English 1; this course will include both intensive and extensive study of that content. In addition to paragraph skills, students learn to apply the same writing process skills to an expanded essay during the last quarter. Students must be capable of independent learning.

CP English 2

Code: 020

Length: Year

Credit: 1

Prerequisite: Department Placement

The CP English 2 course focuses on five areas of study. Students write multi-paragraph essays and a research paper while reinforcing the skills of well-written sentences. The novel and drama are emphasized, and the study of nonfiction and poetry are introduced. Vocabulary development continues in conjunction with writing and literature activities. Students learn and practice the skills of public speaking.

Honors English 2

Code: 027

Length: Year

Credit: 1

Prerequisite: Department Placement

The content of this course is outlined in CP English 2; this course will include both intensive and extensive study of the content. The focus of writing is on both literary analysis and creative assignments. Students must be capable of independent learning.

CP English 3

Code: 030

Length: Year

Credit: 1

Prerequisite: Department Placement

This course is a survey of American literature and its historical significance. Students read, interpret, and analyze selections from each major period in the development of American literature. In preparation for college-level writing as well as standardized tests such as the SAT, students compose well-structured and properly developed essays. Students are also required to write a research paper during second semester. The process, format, and content of a good research paper are the major focus.

Honors English 3

Code: 037

Length: Year

Credit: 1

Prerequisite: Department Placement

The content of this course is outlined in English 3; this course will include both intensive and extensive study of the content. Students must be capable of independent learning and multi-tasking. Students will demonstrate public speaking skills using persuasive devices and character role modeling (analysis), among other skills. In addition to the research project, students analyze language, diction, tone and author purpose; they then apply these literary analysis skills to answering sample AP written test questions.

CP English 4

Code: 040

Length: Year

Credit: 1

Prerequisite: Department Placement

This course is a survey of British Literature and its historical significance. Students read, interpret, and analyze selections from each historical period. Writing instruction focuses on the well-written essay, the research process, and the writing of a research paper.

Honors English 4

Code: 047

Length: Year

Credit: 1

Prerequisite: Department Placement

English IV in a course focused on British Literature starting from some of the oldest tales like *Beowulf* and concluding with contemporary poetry and novels. Students will explore reading, analysis, and writing at the college preparatory level within their study of classic British literature.

AP English Literature and Composition

Code: 075

Length: Year

Fee: \$95

Credit: 1

Prerequisite: Department Placement

In this course students will study major literary works in British and World Literature. Writing assignments will focus on critical analysis of literature in expository essays. This course will provide the opportunity for honors students to prepare intensely for the Advanced Placement test in English Literature. Students must be capable of independent reading and learning. Students are required to take the AP English Exam in May.

Creative Writing

Code: 076

Length: Semester

Credit: 0.5

Prerequisite: Junior or Seniorstanding

Creative Writing is a semester long course with two primary focuses: fiction and poetry. Students will study the process of writing creative fiction and poetry through reading various short stories and poems, editing peer work, and creating their body of work. Classes will include a variety of activities: reading and discussing what makes “good” literature, writing poetry and short stories on creative prompts, and workshops with the purpose of peer editing. Students would ultimately create their own portfolio of creative writing throughout the semester and present their best work to the class.

Women in Literature

Code: 077

Length: Semester

Credit: 0.5

Prerequisite: Junior or Seniorstanding

Women in Literature is a semester course focusing on both classical and contemporary literature penned by women. The selections would also contain characters with strong female protagonists acting outside of the accepted norms of their period. Students would read a selection of books for both graded and non-graded socratic circles. Writing would focus on literary prompts, compare and contrast work, and some historical research on time periods and women’s traditional roles throughout history.

Speech and Debate

Code: 078

Length: Semester

Credit: 0.5

Prerequisite: Junior or Seniorstanding

This semester course focuses on the various forms of speech from process to persuasive, and on the formal process of debate. The student will perfect the art of speech in method, mode and delivery on a variety of current and contentious topics. Forums will be utilized to provide feedback and constructive criticism. Additionally, students will choose from a wide range of subject matter to learn and perfect the process of forming an opinion, substantiating an opinion, and preparing for counters by researching the opposing viewpoint. Moderated debates are a component of this course.

Social Justice through the Lens of Literature

Code: 079

Length: Year

Credit: 1

Prerequisite: Junior or Seniorstanding

This course will consist of reading and discussing a variety of novels covering an array of topics related to social justice. These topics may include but are not limited to: race/culture/ethnicity, class/poverty-stricken groups, religion, sexuality/gender and other potential texts related to marginalized groups throughout the world. Students interested in this course should be juniors or seniors (due to the content of potential novels) and should have a love for literature. Students will engage in small group discussions, socratic seminars, and projects that reflect the content and social justice issues embedded within the novels. Throughout the course, students will make clear connections between the content they are reading and societal issues related to the lack of/pursuit of justice. Connections will be made between the novels and Catholic Social Teaching.

Dystopian Novels

Code: 080S

Length: Semester

Credit: 0.5

Prerequisite: Sophomore, Junior or Seniorstanding

The focus of this course would be to explore different authors’ interpretations of what a dystopian society looks like, how it functions, and how living in a dystopian world affects the human psyche/human nature. The mediums through which we will explore these dystopian worlds are novels, short stories, and movies. Classes would have a heavy emphasis on seminar-style discussions about the readings. Students will think critically about the essential questions and assessed based on graded discussions, reading quizzes, and various projects throughout the course. Due to mature content and difficulty of some of these texts, this course would be best suited for Sophomores, Juniors, and Seniors.

FAMILY AND CONSUMER SCIENCE

Culinary Arts 1

Code: 611A **Length:** Semester **Fee:** \$75 **Credit:** 0.5
Prerequisite: Sophomore, junior or senior standing

Explore the restaurant and food industry. This course builds 21st century life, career, and innovation skills. It covers the basics of food preparation, safety, sanitation, equipment, nutrition and eating habits. Students collaborate in work teams using project-based learning techniques to prepare soups, salads, breads, cookies, cakes, pizza, and lasagna from scratch. Students then expand their food preparation skills by focusing on meal planning. Culminating projects focus on planning, ordering, purchasing, and preparing luncheons from United States regional cuisines and those of ethnic origin. This course fulfills half of the Fine Art graduation requirement.

Culinary Arts 2

Code: 613A **Length:** Semester **Fee:** \$75 **Credit:** 0.5
Prerequisite: Culinary Arts 1

Continuation of Culinary Arts 1 material. This course fulfills half of the Fine Art graduation requirement.

FINE ARTS

Introduction to Art

Code: 811S **Length:** Semester **Fee:** \$40 **Credit:** 0.5

Art Foundations allows students to explore a variety of different media during a varied and exciting year-long art experience. Students can begin by strengthening their drawing skills through the use of contour line, linear perspective, value and texture to draw from observation. Students will gain painting experience and learn about color theory. They will have the opportunity to work with clay and learn about creating three-dimensional objects. Students will finish the year with a variety of additional fine art mediums, such as calligraphy, collage, printmaking and illustration.

Drawing 1

Code: 812 **Length:** Semester **Fee:** \$40 **Credit:** 0.5
Prerequisite: Introduction to Art

Students will strengthen their drawing skills by drawing both from observation and from their imaginations. They will learn how to observe and why this is such an important skill with drawing. Students will use contour line, linear perspective, value and texture to draw many different subjects, such as buildings, portraits, still life objects, and the human figure. Students will learn how to draw with a variety of different drawing materials.

Painting 1

Code: 814 **Length:** Semester **Fee:** \$40 **Credit:** 0.5
Prerequisites: Introduction to Art, Drawing 1

Students will be working with a variety of different paint medium and will develop an understanding of color theory. They will have the opportunity to explore subject matter such as landscapes, portraits, still life, and abstract art in a variety of different painting styles. Students will use creativity and imagination in order to create original, one-of-a-kind artworks.

Advanced Drawing

Code: 813 **Length:** Semester **Fee:** \$40 **Credit:** 0.5
Prerequisites: Introduction to Art, Drawing 1 and Painting 1

Advanced Drawing builds on the foundation acquired from Drawing. A strong emphasis on observational drawing and an understanding of color theory will be stressed. Creative problem solving and development of concepts will also be emphasized. A wide variety of media and techniques will be explored in order to further develop students' drawing skills, particularly for those students who wish to pursue art as a career. Students can use this course as a stepping-stone to build their portfolio.

Advanced Painting

Code: 815 **Length:** Semester **Fee:** \$40 **Credit:** 0.5
Prerequisite: Introduction to Art, Drawing 1, Painting 1 and Advanced Drawing

Advanced Painting builds on the foundation acquired from Painting. Students will paint from life and respond to creative problem solving dealing with issues of two-dimensional design. An understanding of color theory will be further developed. Students will also study multiple styles in order to develop further painting skills, particularly for those students who wish to pursue art as a career.

Portfolio 1 **available 2019-2020 academic year*

Code: 844A **Length:** Semester **Credit:** 0.5
Prerequisite: Drawing, Painting, Advanced Drawing, Advanced Painting

This class is the beginning preparation of a portfolio and an exploration into careers of an artist. The student will continue to make art in both two- and three-dimensional materials in order to improve their skills and build their portfolios. The students will learn the requirements for portfolio and admissions to various art programs.

Portfolio 2 **available 2019-2020 academic year*

Code: 844B **Length:** Semester **Credit:** 0.5
Prerequisite: Portfolio 1

This class is for continued preparation of a competitive portfolio for post-secondary studies. The student will have additional course work in both two- and three-dimensional design. The student will apply art strategies for critiquing their own works of art on the basis of technical and expressive qualities.

Ceramics 1

Code: 824 **Length:** Semester **Fee:** \$60 **Credit:** 0.5
Prerequisite: Introduction to Art, Drawing 1, Painting 1

Students will learn to hand build using both coil and slab building methods, in addition to learning how to throw on the potter's wheel. Students will also learn methods of surface design through the use of glazing. The study of other culture and time periods will be used to develop an understanding of the medium of clay.

Ceramics 2

Code: 826 **Length:** Semester **Fee:** \$60 **Credit:** 0.5
Prerequisite: Ceramics 1

Students will further develop the skills that were established in Ceramics 1. Students will complete projects in coil building, slab building, and throwing on the potter's wheel, and will look to other cultures and time periods for inspiration. Further decorative surface design will also be explored. Students are expected to complete work that has excellent form design, creativity, and craftsmanship.

Men's Choir

Code: 870

Length: Semester

Credit: 0.5

Men's Choir explores the study on a variety of music, including different genres and popular songs. Through rehearsals and performance, students gain a sense of ensemble. The choir has 2 major performances, the Christmas and Spring Concerts as well as other venues that ask for performances. Each participant will be heard individually to determine vocal range. Men's Choir is open to freshman through senior year.

Women's Choir

Code: 871

Length: Semester

Credit: 0.5

Students focus their study on a variety of sacred and secular choral repertoires drawn from the Western art music tradition, world music, and popular song. Through rehearsals and performance, students develop their vocal abilities, sight-singing skills, and sense of ensemble. Study culminates in major performances each semester at the Christmas and Spring Concerts as well as other venues. Each participant will be heard individually to determine vocal range. Students may register for one or both semesters of concert choir. The fall semester's instruction will culminate in the Christmas concert, and the spring semester's instruction will culminate in the Spring Concert.

Introduction to Band

Code: 881

Length: Year

Fee: \$50 (instrument rental)

Credit: 1

Students will learn how to read music, learn how to play an instrument and continue building on their individual playing technique.

Symphonic Band

Code: 875

Length: Year

Credit: 1

Prerequisite: Beginning Band or audition

Advanced woodwind, brass and percussion players. This group performs a wide variety of serious musical literature as well as popular, representing all of the major periods of musical composition. This group performs two concerts (Christmas and Spring).

Music Awareness

Code: 895

Length: Year

Credit: 1

Prerequisite: Beginning Band or audition

Introduces students to the elements of music: rhythm, melody, and harmony. Students will study individual composers and their works through major historical periods. Modern music styles, including rock, hip-hop and rap music will be analyzed in terms of how they emerged and were influenced by earlier music styles.

Piano

Code: 871S

Length: Semester

Credit: 0.5

Students with no piano experience will learn the basics of reading music and playing piano. Students will be quizzed throughout the semester to demonstrate their understanding of reading music and using proper playing technique.

Choir

Code: 891

Length: Year

Credit: 1

Choir builds the development of vocal production, sight-reading, part-singing and choral diction. Choir also builds on the mastery of basic vocal skills and musicianship, including sight reading, ear-training and music theory.

Theatre

Code: 850A

Length: Semester

Credit: 0.5

This course promotes learning the essential vocabulary and processes of theatre. Reading, writing and researching theatre literature will also be explored. Acting experience in this course includes exploring the concepts of self, body and voice work, improvisation, acting techniques, and reading and writing related to theatre study. Additionally, students will learn about various aspects of theatre through history and in different cultures, as well as the various forms of theatre and theatre-related media. Students have the opportunity for practical application of knowledge in informal productions. This course develops creativity and spontaneity in those students wanting to explore theatre, as well as those who wish to commit to a theatre program. Students create a portfolio or collection of their work and related activities that can grow as a result of subsequent theatre arts courses.

MATHEMATICS

CP Algebra 1

Code: 210

Length: Year

Credit: 1

Prerequisite: Department Placement

This course is the first of two integrated courses that are designed to improve the proficiency level mathematics skills for the student as well as complete the Grade 9 Ohio math academic standards. The student will learn: number concepts, computation and problem solving; ratio and proportion; expressions, equations, and inequalities; graphing equations and inequalities; systems of linear equations; relationships; quadratic functions and equations, exponents, polynomials, data analysis and probability. Students will be required to have a TI-83 or TI-84 graphing calculator on the first day of academics.

Honors Algebra 1

Code: 217

Length: Year

Credit: 1

Prerequisite: Department Placement

This course is an in-depth study of topics covered in Algebra 1. The material includes a more rigorous treatment of linear equations, inequalities, number systems, problem solving, graphing, polynomials, radicals, quadratic equations and rational expressions. Students are required to have a TI-83 Plus or TI-84 graphing calculator on the first day of academics.

CP Geometry

Code: 220

Length: Year

Credit: 1

Prerequisite: Department Placement

The student will learn: number concepts; systems of linear equations; functions; polynomials; polygons; trigonometry; area and volume; congruence, similarity and transformations; measurements in circles; data analysis and statistics. Students will be required to have a TI-83 or TI-84 graphing calculator on the first day of academics.

Honors Geometry

Code: 227

Length: Year

Credit: 1

Prerequisite: Department Placement

The traditional Geometry topics of reasoning and proofs, similarity, trigonometry, quadrilaterals, transformations and properties of circles will be taught. Students are required to have a TI-83 Plus or TI-84 graphing calculator on the first day of academics.

CP Algebra 2/Trigonometry

Code: 232

Length: Year

Credit: 1

Prerequisite: Department Placement

In this course, the student will learn functions and relations, linear functions, linear systems, direct and inverse variation, sequences, recursive functions, matrices, quadratic functions, imaginary and complex numbers, scatter plots of bivariate data, linear and quadratic regression, vectors, power functions, composition and inverses of functions, exponential and logarithmic functions, polynomial operations, factoring, and trigonometry. Students are required to have a TI-83+ or TI-84 graphing calculator on the first day of academics.

Honors Algebra 2/ Trigonometry

Code: 237

Length: Year

Credit: 1

Prerequisite: PreCalculus and Department Placement

This course covers quadratic equations, irrational numbers, complex numbers, functions, sequences and series, trigonometry, and the conics. This course is purposely designed to be fast paced and content rich for the necessary preparation for Pre-Calculus (course #274, below). Students are required to have a TI 83 Plus, or TI 84 graphing calculator on the first day of academics.

Algebra 3

Code: 234

Length: Year

Credit: 1

Prerequisite: Department Placement

Students will continue their study of algebraic concepts and skills. Students will explore logarithmic functions, complex numbers, and conics. Skills involving factoring, rational expressions, exponential functions, and problem solving will be mastered. Students will also explore personal finance concepts applicable to real life scenarios including loans, interests, and taxes.

PreCalculus

Code: 274 / NDC Course Number MA120

Length: Semester

Credit: 1

Prerequisite: Department Placement

This honors level course includes a thorough study of functions, including the algebra of functions, graphing functions, notation, and inverses of functions. Polynomial functions, trigonometric and circular functions, exponential functions, logarithmic functions and rational functions will be emphasized. Included in the course is a thorough study of sequences and series, parametric equations and polar equations and coordinates, and rate of change. Students are required to have a TI-83 Plus or TI-84 graphing calculator on the first day of academics. Provided College Credit Plus requirements are met, the student will concurrently earn 3 credit hours of college math credit through Notre Dame College.

College Algebra

Code: 245

Length: Year

Credit: 1

Prerequisite: Department Placement

This course is designed for the student who is not ready for the rigorous Functions class and who needs to fortify the basic mathematical knowledge of equations, inequalities, graphs, functions, linear systems, trigonometry, counting methods, probability, statistics, consumer math and financial management in preparation for future college mathematics courses or the mathematics essential to enter the trades. Students are required to have a TI-83 Plus, or TI-84 graphing calculator on the first day of academics.

Functions

Code: 250

Length: Year

Credit: 1

Prerequisite: Department Placement

This college prep course covers the number systems and elementary functions. All twelve basic functions will be explored through parametric analysis. Likewise, topics of probability and statistics will be integrated into the course. The basic content includes: the algebra of real numbers, complex numbers, and functions; circular functions, trigonometric functions and their applications; sequences, series, and limits. Many of the topics first studied in algebra and trigonometry are treated more rigorously. Emphasis is placed on deductive reasoning. Students are required to have a TI-83 Plus or TI-84 graphing calculator on the first day of academics.

Applied Finite Math-W

Code: 248 / NDC Course Number MA220D

Length: Semester (first)

Credit: 1

Prerequisite: Department Placement

This honors course includes an introduction to mathematical modeling, usage and arithmetic of matrices, linear programming, counting techniques, probability, Markov processes and the mathematics of finance. Students are required to have a TI-83 plus or TI-84 graphing calculator on the first day of academics. Provided College Credit Plus requirements are met, the student will concurrently earn 3 credit hours of college math credit through Notre Dame College. This course meets during first semester.

Statistics-W

Code: 247 / NDC Course Number MA221D

Length: Semester (second)

Credit: 1

Prerequisite: Department Placement

This honors course includes descriptive statistics, probability, normal and binomial distributions, sampling concepts, sampling distribution, estimation, hypothesis testing, and confidence intervals. Students are required to have a TI-83 plus or TI-84 graphing calculator on the first day of academics. Provided College Credit Plus requirements are met, the student will concurrently earn 3 credit hours of college math credit through Notre Dame College. This course meets during second semester.

Honors Calculus I

Code: 277 / NDC Course Number MA175

Length: Semester

Credit: 1

Prerequisite: B or better in Honors PreCalculus and Department placement

Topics include a review of functions and graphs, limits and continuous functions, the derivative, differentiation of algebraic and transcendental functions, and applications of differentiation. Students are required to have daily, in class, a TI-83 Plus or TI 84 graphing calculator. Provided College Credit Plus requirements are met, this course will concurrently earn 4 credit hours of math from Notre Dame College.

Honors Calculus II

Code: 278 / NDC Course Number MA176

Length: Semester

Credit: 1

Prerequisite: C or better in Honors Calculus I

This course is a continuation of MA 175. Topics covered are the definite integral, computation of anti-derivatives, techniques of integration, the Fundamental Theorem of Calculus, applications, and introduction to convergence or divergence of sequences. Students are required to have daily, in class, a TI-83 Plus or TI 84 graphing calculator. Provided College Credit Plus requirements are met, this course will concurrently earn 4 credit hours of college math through Notre Dame College.

PHYSICAL EDUCATION / HEALTH

Physical Education

Code: 913

Length: Year

Credit: 0.5

Physical Education can provide opportunities for social growth and development. Well-planned physical activities will allow the student experiences in basic skills, team activities and general fitness and conditioning. This is a full year course (mandatory for Class of 2021).

Health

Code: 915A

Length: Semester

Credit: 0.5

This course is a comprehensive program that stresses the choices and skills necessary for enjoying total wellness. It gives the student the opportunity to acquire accurate information, to make responsible decisions and to develop positive attitudes and behaviors that promote a healthy life style. This course is required of all sophomores.

Strength Training

Code: 914S

Length: Semester

Credit: 0.25

This course is designed to provide students an opportunity to learn strength and fitness techniques in order to achieve optimal physical fitness. Students will enjoy the opportunity of participating in a strength program in order to develop power, strength, balance and coordination. The course will be focused on helping each individual reach their own specific strength and conditioning goals.

Introduction to Coaching

Code: 916S

Length: Semester

Credit: 0.25

Prerequisite: Junior or Senior standing

The objective of this course is to provide students with the foundation and skills to be a successful sports coach. Basic tenets of motivation of the individual athlete as well as group behavior will be explored. Topics will include coaching philosophies, effective leadership, practice design, organization, providing constructive feedback and incorporating technology.

RELIGION

Religion 1

Code: 510

Length: Year

Credit: 1

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures and to introduce students to the Incarnational mystery of Jesus Christ. Through their study, they will come to encounter the living Word of God, Jesus Christ and to understand the Jesus Christ is the ultimate Revelation to us from God. This is a required course for all freshmen.

Religion 2

Code: 520

Length: Year

Credit: 1

The purpose of this course is to help students understand all that God has done for humanity through His Son, Jesus Christ and that in and through the Church, they encounter the living Jesus Christ. Through this course, students will learn that for all eternity, God has planned for humanity to share happiness with Him, which is accomplished through the redemption Christ won for us. Students will be introduced to the fact that the Church was founded by Christ, through the Apostles, and is sustained through the Holy Spirit. This course explores the origin, the human and divine elements, and the ongoing mission of the Church. This course is required for all sophomores.

Religion 3

Code: 530

Length: Year

Credit: 1

The purpose of this course is to help the students understand that they can encounter Christ today in a full and real way in and through the Sacraments, and especially through the Eucharist. Students will examine each of the Sacraments in detail so as to learn how they may encounter Christ throughout life. Students will also come to understand the manner in which the Catholic Church relates to other religions of the world as well to other non-Catholic Christians. This course is required for all juniors.

Religion 4

Code: 540

Length: Year

Credit: 1

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plan for their lives. Students are to learn moral concepts and precepts that govern the lives of Christ's disciples. Students will be introduced to the Church's social teaching and will learn how Christ's concern for others, especially the poor and needy, is present today in the Church's mission. This course is required for all seniors.

SCIENCE

CP Physical Science

Code: 312

Length: Year

Credit: 1

Prerequisite: Department Placement

Topics covered will include the scientific method, data analysis, science & technology, earth science, chemistry and physics. There will be an emphasis on developing problem-solving skills and critical thinking skills. Laboratory experiments and demonstrations are included where appropriate to enhance student understanding of key concepts.

Honors Physical Science

Code: 317

Length: Year

Credit: 1

Prerequisite: Department Placement

Topics covered will include the scientific method, data analysis, science & technology, earth science, chemistry and physics to a greater depth than Physical Science. There will be an emphasis on developing problem-solving skills, critical thinking skills and computations. Laboratory experiments and demonstrations are included where appropriate to enhance student understanding of key concepts.

CP Biology/Lab

Code: 325

Length: Year

Credit: 1

Prerequisite: Successful completion of a Physical Science course and Department placement

Content areas will include characteristics of living things, the cell, plants, animals, human biology, and ecological interactions. This course will place an emphasis on developing an understanding of the scientific method, an understanding of laboratory experimentation, analytical skills and critical thinking skills. The aim of this course is to facilitate the development of individuals who will be literate in understanding science and technology.

AP Biology/Lab

Code: 375

Length: Year

Fee: \$95

Credit: 1

Prerequisite: Successful completion of Honors Physical Science course and Department placement

This course is the equivalent of a college introductory Biology course. Topics include molecules and cells, genetics and evolution, organisms and populations. The AP exam is required.

Honors Biology/Lab

Code: 327

Length: Year

Credit: 1

Prerequisite: Successful completion of a Physical Science course and Department placement

This course is designed for the academically talented student who is interested in science or a science-related career. It covers the same material as the CP Biology course, but an emphasis is placed on combining the lecture with laboratory experiments. Mathematical reasoning and problem solving is stressed throughout the course. Included in this course are field trips, outside readings, science projects, and greater depth of coverage of topics. Admission to the course is limited to those who show an above-average aptitude in science and math as well as being academically talented in other areas.

CP Chemistry/Lab

Code: 332

Length: Year

Credit: 1

Prerequisite: Department Placement

This course is a comprehensive college preparatory chemistry course. An emphasis is placed on complementing material discussed in lectures with laboratory experiments. Mathematical reasoning and problem solving are incorporated throughout the course so as to enhance these skills for each student. Students are encouraged to develop the skills necessary for them to think like scientists. Upon completion of this course students should have a clear understanding of the basic principles of chemistry. Students will be introduced to the importance of safety in the chemistry laboratory and basic procedures required to conduct experiments in the chemistry laboratory.

Honors Chemistry/Lab

Code: 337

Length: Year

Credit: 1

Prerequisite: Department placement

This course is offered to those with a high interest and ability in science. As with CP Chemistry, this is a comprehensive, college preparatory chemistry course. An emphasis is placed on complementing material discussed in lecture with laboratory experiments. Mathematical reasoning and problem solving are incorporated throughout the course so as to enhance these skills for each student. Students are encouraged to develop the skills necessary for them to think like scientists. Upon completion of this course students should have a clear understanding of the basic principles of chemistry. Students will be introduced to the importance of safety in the chemistry laboratory and basic procedures required to conduct experiments in the chemistry laboratory. Students will also explore more advanced topics in chemistry, such as organic chemistry and biochemistry. Students will be expected to demonstrate an advanced level of mathematical reasoning and problem solving skills.

Environmental Science

Code: 334

Length: Year

Credit: 1

Prerequisite: Successful completion of both a Biology and Chemistry course or Administrative Placement

This course is designed to endow students with the necessary knowledge and skills that will enable them to apply scientific skills and processes on major environmental science concepts. Upon successful completion of this course, students should be able to use the scientific skills and processes and major environmental science concepts to understand interrelationships of the natural world and to analyze environmental issues and their solutions. is placed on the human interactions with the Earth's geologic and environmental systems, predictability of a dynamic Earth, origin and evolution of the Earth system and universe, geochemical cycles and energy in the Earth system.

CP Physics/Lab

Code: 345

Length: Year

Credit: 1

Prerequisite: Successful completion of CP or Honors Chemistry and Department placement

In this course emphasis is placed on mathematical, experimental and conceptual aspects of physics. Laboratory experiences are designed to illustrate phenomena and stimulate application of principles. Topics treated include Mechanics, Energy, Sound, Light, Electricity and Magnetism.

Honors Physics/Lab

Code: 347

Length: Year

Credit: 1

Prerequisite: Successful completion of Honors Algebra 2/Trig or concurrent enrollment in Honors Calculus

This course is designed to be the equivalent of a college introductory physics course usually taken by physics majors during their first year. This course is for academically talented students in science and math. Topics treated include: Mechanics, Sound, Light, Electricity, Magnetism, and Relativity.

Anatomy & Physiology

Code: 350

Length: Year

Credit: 1

Prerequisite: Successful completion of a Chemistry course and Department placement

This college-preparatory level course will study human anatomy and physiology. This course will include a lab component. Anatomy & Physiology is a yearlong course that provides students an opportunity to explore the intricate and sophisticated relationship between structure and function in the human body. The course offers students an environment in which they may probe topics such as homeostasis, anatomical and physiological disorders, medical diagnosis and treatment, modern and past imaging techniques, biochemistry, cytology, histology, and survey of the remarkable array of body systems that comprise the human body. Laboratory activities reinforce concepts and principles presented in the course.

SOCIAL STUDIES

CP World History

Code: 120

Length: Year

Credit: 1

CP World History aims to expose the college bound students to the humanizing effect of studying the past in order to understand the present. Students of CP World History are expected to possess the skills necessary for the analysis of history. Students will continue to refine their ability to analyze, synthesize, and evaluate historical events and their significance and produce well-written essays.

Honors World History

Code: 127

Length: Year

Credit: 1

Co-requisite: Honors English 1

Honors World History is designed for the self-motivated and self-directed learner who has expressed an interest and talent in history and has excellent reading and writing skills. This weighted college preparatory course requires students to be able to use a variety of historical sources to analyze, synthesize and evaluate historical events and their significance. Students in this course are challenged by in-class discussions, projects, and essay exams.

The Honors World History course curriculum is presented as a chronological and thematic survey. Particular attention is paid to the connections that exist between the past and the present, and students are encouraged to stay abreast of current events and issues.

CP United States History

Code: 130

Length: Year

Credit: 1

Prerequisite: Department placement

CP US History is presented as a chronological and thematic survey of the American past for the college bound student. This course aims to excite the students' curiosity regarding the American heritage and to expose them to the individuals, forces, ideas and events that have shaped the flow of American history. The students will be presented with a global view of the American past, which takes into account the impact of world events on America and events in the US on the world. Students are challenged by in-class discussion, independent study projects, and essay exams.

Honors United States History

Code: 137

Length: Year

Credit: 1

Prerequisite: Department placement

Honors U.S. History is designed for the self-motivated and self-directed learner who has expressed an interest and talent in history, has excellent reading and writing skills, but is not ready for the college level required for AP. This weighted college preparatory course requires students to be able to use a variety of historical sources to analyze, synthesize and evaluate historical events and their significance. Students in this course are challenged by in-class discussions, projects, and essay exams.

The Honors U.S. History course curriculum is presented as a chronological and thematic survey.

Particular attention is paid to the connections that exist between the past and the present, and students are encouraged to stay abreast of current events and issues.

AP United States History

Code: 175

Length: Year

Fee: \$95

Credit: 1

Prerequisite: Department placement

AP US History is offered to enable well-motivated students to take the Advanced Placement test in American History and upon passing, to obtain one year of college credit in American History if the college they chose to attend accepts the AP test results. This course will be an interpretive study of American History from the Age of Exploration to the present Presidential Administration. The major goal of this course will be to stimulate an examination of the causes and effects of historical events. Reading and writing will be interpretive in nature, and are designed to simulate the college experience. The AP US History Exam is required for students in this course.

CP American Government

Code: 140

Length: Year

Credit: 1

Prerequisite: Department placement

American Government presents an objective analysis of the foundations, structures, and functions of US Government. This course includes a unit on civil liberties and pays particular attention to landmark Supreme Court cases and decisions which impact on civil liberties today. In addition, students, examine major foreign and domestic policy issues confronting the US today.

Students are challenged by independent projects and simulations including a mock Senate simulation, in which students write their own bills and guide them through their class Senate. Students are encouraged to become active and informed citizens and to use their right to vote.

Honors American Government

Code: 140H

Length: Year

Credit: 1

Prerequisite: Department placement

Honors American Government empowers students to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in an extended research-based paper/project (e.g., history fair, participatory citizenship project, mock congressional hearing, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects).

AP United States Government and Politics

Code: 145

Length: Year

Fee: \$95

Credit: 1

Prerequisite: Department placement

AP American Government combines objective analyses and interpretations of the foundations, structures and decision-making process of Government in the US. This course emphasizes how government organizes, harnesses and controls public power in a way that enhances a nation's values and purposes. Particular attention is paid to the role of the people in a free society. This course strives to stimulate the college experience for students who possess superior reading and writing skills and display an interest in government and politics. Students are required to take the Advanced Placement Exam in American Government and upon passing, obtain college credit in American Government if the college they choose to attend accepts the grade College Board awards.

Economics and Personal Finance

Code: 147

Length: Year

Credit: 1

Economics is the study of scarcity. Throughout this required course, students will evaluate how individual and group decisions impact supply and demand and determine the success of the marketplace. Students will be introduced to the various market systems, the role of the United States in a global marketplace, the Federal Reserve System, and will utilize their skills in creating and operating a business. In personal finance, students will be introduced to the concepts of a creating a budget, avoiding debt, and saving money through banking. Students will utilize real life scenarios that will enable them to become better decision makers in regards to their personal finances.

Psychology

Code: 142

Length: Semester

Credit: 0.5

Prerequisite: Junior or Senior standing

Psychology is a semester long course which introduces the student to the study of human behavior through the examination of psychology as a tool for the better understanding of self and others. Topics of study include psychological research and methods, major approaches, learning and conditioning, memory, personality theories, emotion and motivation, mental illness and therapies. This course is a good preparation for students planning to attend college. This is a one-semester class.

Twentieth Century America

Code: 153

Length: Semester

Credit: 0.5

Prerequisite: Junior or Senior standing

The course presents a basic history of the United States throughout the 20th century through film. Students will receive basic information about social, economic, political, and cultural trends throughout the century and will enhance this information while viewing selected films produced during the periods or depicting the periods. Some films will present historical events and some films will present prevailing attitudes. The one semester course is discussion and writing intensive.

African American History

Code: 150

Length: Semester

Credit: 0.5

Prerequisite: Junior or Senior standing

This course will highlight the African American experience in American history. Major topics covered will include early African civilizations and cultures; African slave trade; the role of African Americans in the antebellum South; the political issues of abolition and slavery; the role of African Americans in the Civil War; Reconstruction; Southern White supremacy; segregation; World Wars I and II; the Harlem Movement; African American contributions to American society, with an emphasis on the Civil Rights movement (1950-1970); the psychological, sociological, political, and cultural impact of racism on the ideas and attitudes of African Americans. Included in this study will be the thoughts and writings of key African Americans. Requirements include readings, reports and projects.

Street Law

Code: 161

Length: Semester

Credit: 0.5

Prerequisite: Junior or Senior standing

This course will provide practical information and problem solving opportunities for students. The curriculum will survey the legal system including: introduction to law, criminal and juvenile justice, torts, consumer law, family law, and individual rights and liberties. Case studies, simulations, guest speakers, and a field trip to the Justice Center are among class activities.

Women in America

Code: 152

Length: Semester

Credit: 0.5

Prerequisite: Junior or Senior standing

This one semester course will explore US Women in the 20th and 21st Centuries with emphasis on the three feminist movements: 1920's, 1960's, 1980's to today. Course will employ a Socratic approach—research, discussion, and debate will be the primary means of instruction and assessment. This is a one semester course.

Sociology

Code: 156

Length: Semester

Credit: 0.5

Prerequisite: Junior or Senior standing

This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, and organizations.

Military History

Code: 157

Length: Semester

Credit: 0.5

Prerequisite: Junior or Senior standing

Military History is an elective, half-year course that explores the evolution of warfare from Ancient times to World War II. The focus is on the great campaigns, battles, technologies, tactics and personalities that shaped history. Among the major units are an exploration of Ancient Greek Warfare, Roman Warfare, Medieval Warfare, the Napoleonic Wars, the American Civil War and the World Wars.

The Joseph M. Scaminace Character & Leadership Course

Code: 163

Length: Semester

Credit: 0.5

This course is designed to improve the character and leadership of VASJ students and to improve school climate. Students will study the lives of people who have successfully demonstrated character and leadership skills and put them into practice in everyday life.

TECHNOLOGY

Office Applications

Code: 763

Length: Semester

Credit: 0.5

This online course expands upon basic Microsoft Office Word and Excel skills and also allows students to choose a second course of interest in the second half of the semester. It prepares students to apply expertly the features of the Office products to academic projects that they will likely see at the university level and to real-world business projects that they will likely see in their work careers.

Microsoft Technology Associate 1

Code: 731

Length: Semester

Credit: 0.5

Prerequisite: Junior or senior with interest in an Information Technology career

This course prepares you for Microsoft Technology Associate Exam 98-349 through hands-on refurbishing of computers and printers while studying Operating System Configurations, Installing and Upgrading Client Systems, Managing Applications, Managing Files and Folders, Managing Devices, and Operating System Maintenance. This program provides an appropriate entry point to a future career in technology and assumes some hands-on experience or training but does not assume on-the-job experience. Off campus practicum is likely.

Microsoft Technology Associate 2

Code: 732

Length: Semester

Credit: 0.5

Prerequisite: MTA 1

This course prepares you for Microsoft Technology Associate Exam 98-365 through hands-on refurbishing of computers and printers while studying Server Installation, Server Roles, Active Directory, Storage, Server Performance Management, and Server Maintenance. This program provides an appropriate entry point to a future career in technology and assumes some hands-on experience or training but does not assume on-the-job experience. Off-campus practicum is likely.

Microsoft Technology Associate 3

Code: 733

Length: Semester

Credit: 0.5

Prerequisite: MTA 1 and 2

This course prepares you for Microsoft Technology Associate Exam 98-366 through hands-on refurbishing of computers and printers while studying Network Infrastructures, Network Hardware, and Protocols and Services. This program provides an appropriate entry point to a future career in technology and assumes some hands-on experience or training but does not assume on-the-job experience. Off-campus practicum is likely.

Microsoft Technology Associate 4

Code: 734

Length: Semester

Credit: 0.5

Prerequisite: MTA 1, 2, 3

This course prepares you for Microsoft Technology Associate Exam 98-367 through hands-on refurbishing of computers and printers while studying Security Layers, Operating System Security, Network Security, and Security Software. This program provides an appropriate entry point to a future career in technology and assumes some hands-on experience or training but does not assume on-the-job experience. Off-campus practicum is likely.

Introduction to Java

Code: 760

Length: Semester

Credit: 0.5

Prerequisite: Sophomore, junior or senior with interest in an Information Technology career

This online course concentrates on the syntax of Java and techniques for developing, debugging and documenting Java applications and Java applets. The lab provides hands-on experience working with the Java language.

Photoshop

Code: 775S

Length: Semester

Credit: 0.5

Prerequisite: Sophomore, junior or senior with interest in a Publishing career.

This online course concentrates on practical photo publishing skills of the Adobe Photoshop CS6 software.

Gaming 1, 2, 3

Code: 776S

Length: Semester

Credit: 0.5

Prerequisite: Sophomore, junior or senior with interest in programming.

This online course concentrates on learning C# coding to build a game from the ground up. You will be required to work with others in a team format and be comfortable searching the web for assistance.

WORLD LANGUAGES

French 1

Code: 411

Length: Year

Credit: 1

This course introduces students to the language and culture of France. Emphasis is placed on the four skills of reading, writing, listening, and speaking through thematic, contextualized vocabulary and grammatical structures. Students are introduced to the geography, customs, and diversity of the target culture through the use of electronic and print resources.

French 2

Code: 412

Length: Year

Credit: 1

Prerequisite: Department placement

French II further explores the language and culture of the francophone world. More complex grammatical structures and expanded vocabulary are incorporated to further develop students' reading, writing, listening, and speaking skills. Students become more proficient in communicating in the present and past tense about real-life situations involving travel, shopping, and leisure activities. Electronic and print resources are used.

Spanish 1

Code: 421

Length: Year

Credit: 1

This course introduces students to the language and culture of Hispanic countries. The skills of reading, writing, listening, and speaking through thematic, contextualize vocabulary and grammatical structures. Students are introduced to the geography, customs, and diversity of Spanish-speaking countries through the use of electronic and print resources.

Spanish 2

Code: 422

Length: Year

Credit: 1

Prerequisite: Department placement

Spanish II further explores the language and culture of the Hispanic world. More complex grammatical structures and expanded vocabulary are incorporated to further develop students' reading, writing, listening, and speaking skills. Students become more proficient in communicating in the present and past tense about real-life situations involving travel, shopping, and leisure activities. Electronic and print resources are used.

Spanish Composition

Code: 425

Length: Year

Credit: 1

Prerequisite: Completion of Spanish 2 and Department approval

Spanish Composition begins with review of grammatical structure presented in previous Spanish levels while introducing new vocabulary, throughout the year, in the context of conversation, reading and writing. Students will be introduced to higher level grammatical structures, including the subjunctive, reflexive, imperfect, and imperfective progressive verb tenses used in daily conversation and various media forms. Students are expected to write compositions and give short oral presentations using the vocabulary and structure studied. Student will enhance their oral skills through conversation and oral presentations in class. The students will continue to study the Hispanic culture through videos, CD's, guest speakers and group activities. The course will be conducted in Spanish.

ADDITIONAL OPPORTUNITIES

Viking Mindset

Code: 940

Length: Year

Credit: 0.5

This course will cover skills needed to be successful at Villa Angela-St. Joseph High School. Topics covered include written and oral communication, study skills, organization, and leadership. These topics will be in- fused with content-specific skills. It is a required course for all freshmen.

Viking Vectors

Code: 941

Length: Year

Credit: 0.5

Students will study the eight entrepreneurial precepts, conduct career planning through portfolio development and career aptitude assessment, prepare for the SAT/ACT, and build their college application packets. Students will develop a strong sense for taking appropriate action in any life situation, and at any age, for their personal advancement and community benefit as they study and experience the eight entrepreneurial precepts. A key understanding of entrepreneurship will be learned as not being all about owning a business, but rather about taking action on an idea as exemplified in the lives of Christ, the Villa Angela-St. Joseph High School (VASJ) founders Father William Chaminade and Saint Angela Merici, and the founder's of the United States of America. The class is a blending of web-based and classroom instruction with guidance counselors, graduates, and entrepreneurs assisting through seminar format. This is required of all juniors.

Academic Decathlon

Code: 950

Length: Year

Credit: 1

Prerequisite: Counselor recommendation

Students will explore the science, literature, music and art of a specific time period in a specific country as determined by the United States Academic Decathlon competition. Students will also explore basic economics and higher level math skills. Students will prepare a speech and practice for interviews. Students will compete at the State Academic Decathlon Competition and if they qualify, continue on to the national competition. Earning a top score in one of the scrimmages may qualify students to participate in Academic Decathlon.

Service Learning

Code: 965B

Length: Year

Credit: 1

Prerequisite: Junior or senior standing.

Application process and interview with Campus Minister and training at Hospice of the Western Reserve

The service learning partnership with Hospice of the Western Reserve is a course established to give students an opportunity to share their talents, gifts, and academic abilities with others. As a class you will be expected to creatively serve the patients and needs of Hospice. Time will be spent reflecting on the service performed through discussion and reflective writing. Orientation and training provided.

Course does not fulfill service requirement. Students must complete 40 hours of service each semester to pass course, and obtain credit.

Study Hall

Code: STUDY

Length: Semester/Year

Credit: none

Prerequisite: Junior/senior standing or counselor recommendation

With Guidance Counselor approval, students may have one study hall period per semester in place of an elective course.

Directed Studies

Code: 970

Length: Semester

Credit: 0.5

Prerequisite: Counselor recommendation

Students will have direct supervision while completing assignments for core classes. This may include completion of homework, make-up of tests/quizzes, or completion of missed/incomplete classwork. Students will receive assistance in organization, note-taking, and study skills, as appropriate. Preparation for standardized tests may be incorporated into the course. Students will receive a grade for participation.

COLLEGE CREDIT PLUS

The College Credit Plus Program has been established through the Ohio Department of Education to permit high school students to earn college and high school graduation credit through the successful completion of college courses. The program is intended to provide expanded opportunities for appropriately qualified high school students to experience coursework at the college or university level. College courses should supplement the broad academic preparation needed by high school students. Students may enroll in college-level courses and receive college credit and/or credit toward graduation from high school. Selected courses in the VASJ Program of Study qualify as College Credit Plus courses and will earn credit towards both high school graduation and college credit. All courses taken at the college/university must be elective or enrichment college courses. Any courses offered by VASJ must be taken at VASJ. Provided registration deadlines are met and a passing grade is earned in the class, tuition, books, and other course fees assessed by the college or university will be waived.

Prerequisite: University/College or department admission criteria

RETREAT PROGRAMS

Each year, every student is required to attend a day-long retreat coordinated by VASJ. The student is responsible for the retreat fee: approximately \$20 for freshmen, sophomores, and juniors; approximately \$40 for seniors.

Additional, optional retreats are available throughout the year through the Campus Ministry Department.

SERVICE PROGRAM

Each student is required to complete a certain number of service hours, based on grade level, and to complete a service reflection paper. More detailed information will be available to students and parents during the summer.